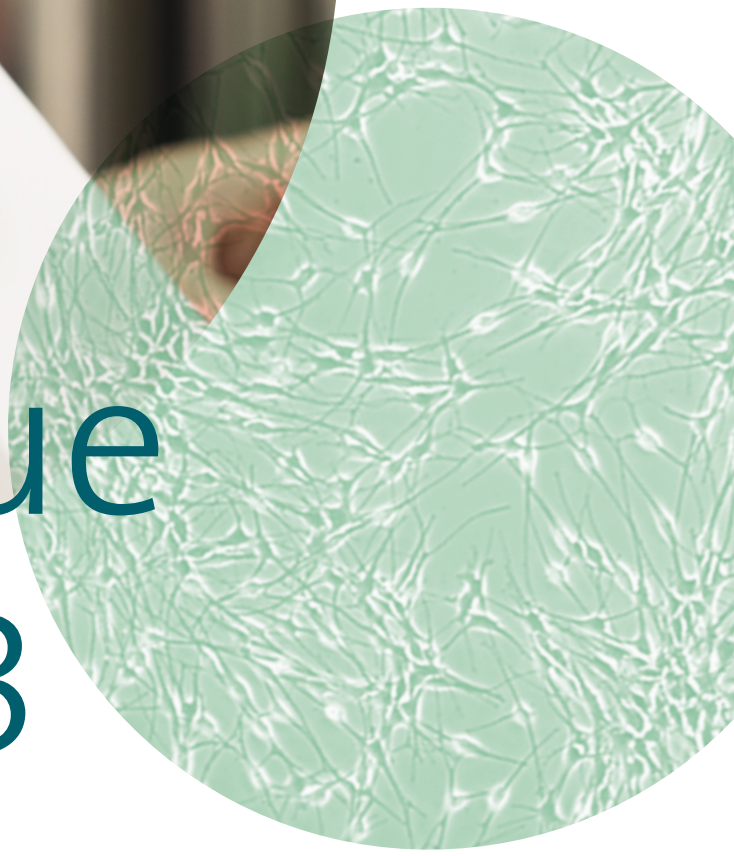
your expert in target validation

provitro



catalogue 2022/23

catalogue 2022/2023

immunohisto-
chemical services

in situ
hybridisation services

tissue microarrays (TMA)

iCon TMA®

digital pathology

primary cell cultures

culture media

perfusion culture systems

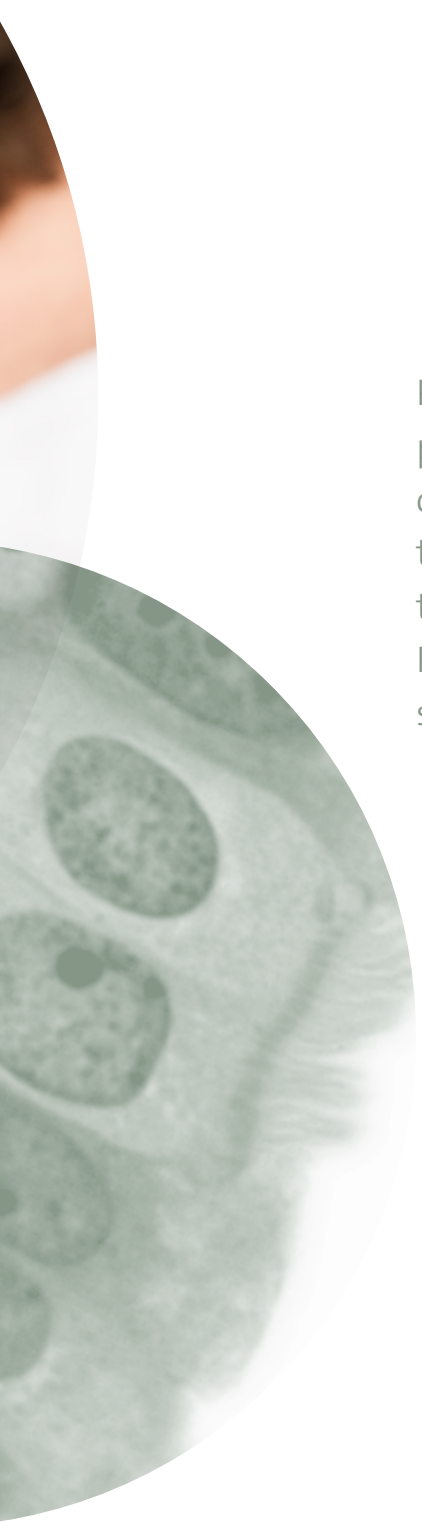
cytokines, chemokines
and growth factors

ScienCell products

Certified
Quality System
mdc
ISO 13485
ISO 9001

contents

immuno-histochemical services



Provitro's competence is not limited to the development of protocols for both manual and automated IHC staining but includes, as well, target validation with antibodies on normal and tumour tissue samples which may be provided from our own tissue bank.
False-negative results are ruled out by an in-process control system (iConTMA®).

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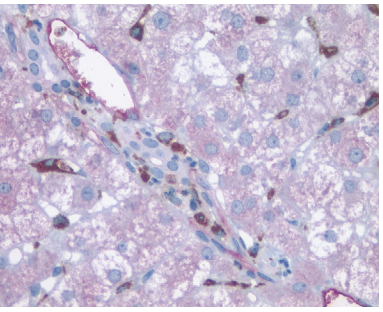
immunohistochemistry



Liver tissue, stained with CD68 and C4d

Standard histological staining

The morphological structure of tissue can be depicted with high accuracy by means of histological sections. Staining results depend on numerous factors, including pH of the buffer solution, staining time and method of fixation. Haematoxylin, for example, is used to stain cell and tissue structures, such as cell nuclei, mitochondria, myelin, elastin and collagen fibres. Additional information may be obtained from counterstaining (differential staining), using a dyestuff in high contrast to hematoxylin stain. Counterstaining, using eosin, is a classical approach for which cationic structures are stained (e.g. proteins).

Immunohistochemical staining

Identification of antisera, immunoglobulin fractions and monoclonal antibodies to a growing number of clinically relevant tissue antigens has led to an enormous enlargement of immunohistochemical analyses in both quality and quantity. Antibody titre and dilution as well as incubation time and temperature are closely linked to each other with regard to their influence on the quality of immunohistochemical staining. These factors are varied either separately of each other or each of them in itself to achieve clearly recordable differences in staining quality. Parameters are varied primarily for the purpose of accomplishing staining of optimum specificity against minimum background.

Immunohistochemistry		
OFFER NO.	PRODUCT	SPECIFICATION
901 0204	Paraffin embedding of formalin fixed tissue sample	
901 0205	Preparation of FFPE blocks from formalin-fixed cell pellets	
905 0101	Standard histological staining of 1 slide	Price per slide
905 0201	Immunohistochemistry service - target validation	Price per slide
905 0202	Immunohistochemistry service - antibody testing	Price per slide
905 0204	Peptide competition reaction	Price per reaction
905 0205	Verification of clinical status for defined study case	Price per case
905 0206	Systematic literature search for relevant antibodies	Price per antibody
905 0207	Development of staining protocol for a new antibody	Test samples included
905 0208	Adjustment of customer's staining protocol for defined antibody	Test samples included
905 0211	Manufacturing of 1 slide of tissue block	Price per slide
905 0401	Tissue slide scanning using automated digital histology system	Price per slide
905 0500	Evaluation by Pathologist	Price per slide

OFFER NO.	PRODUCT	SPECIFICATION
905 0501	Evaluation and encircling of relevant tissue area by pathologist	Price per slide
905 0502	Evaluation by Pathologist, IRS score for one cell compartment	Price per slide
905 0503	Evaluation by Pathologist, H Score for one cell compartment	Price per slide
905 0504	Evaluation by Pathologist, % positive cells	Price per slide
905 0505	Quality check and approval by Pathologist	Price per slide
905 0510	Handling and documentation of customer samples	Price per sample
905 0511	Case retrieval from provitro tissue bank	Price per block
905 0512	Selection of relevant FFPE tissue samples; transfer of basic clinical data into new data base	Price per block
905 0513	Selection of relevant cryo tissue samples; transfer of basic clinical data into new data base	Price per block
905 0514	Selection of relevant FFPE tissue samples with advanced clinical or pathological data	Price per block
905 0601	Final report including detailed staining protocol and representative photos	
905 0602	Report including data documentation	
905 0603	Report including photo and data documentation	
905 0604	Data collection and compilation in EXCEL spreadsheets	Price per case
905 1211	Manufacturing and provision of 1 FFPE tissue slide, normal tissue	Price per slide
905 1221	Manufacturing and provision of 1 cryo tissue slide, normal tissue	Price per slide
905 1311	Manufacturing and provision of FFPE tissue block, normal tissue	
905 1321	Manufacturing and provision of cryo tissue block, normal tissue	
905 2211	Manufacturing and provision of 1 FFPE tissue slide, pathological tissue	Price per slide
905 2214	Manufacturing and provision of 1 FFPE tissue slide, pathological tissue with advanced data	Price per slide
905 2221	Manufacturing and provision of 1 cryo tissue slide, pathological tissue	Price per slide
905 2311	Manufacturing and provision of FFPE tissue block, pathological tissue	
905 2321	Manufacturing and provision of cryo tissue block, pathological tissue	
909 0101	Hourly rate, scientific personnel	
909 0102	Hourly rate, technical personnel	
909 0200	Handling fee for preparing export documentation	

staining process

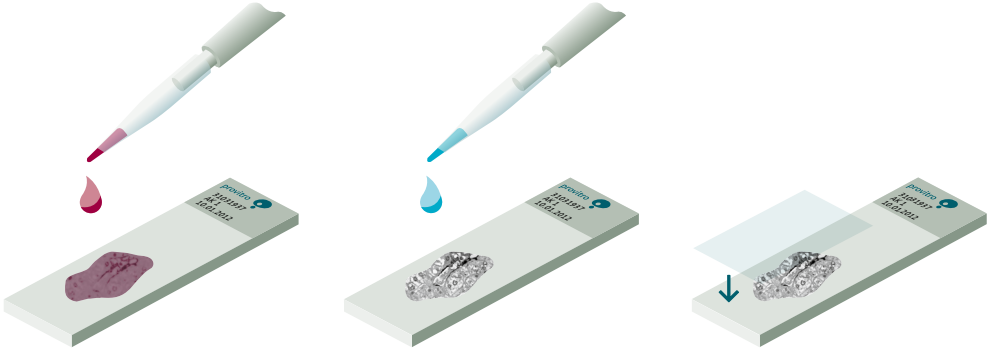
Manual immunohistochemical staining
Development of protocols accomplishing staining of optimum specificity against minimum background.

Automated immunohistochemical staining
High throughput target validation with antibodies on normal and tumour tissue samples which may be provided from our own tissue bank

1
Complete deparaffinisation of tissue section with xylol followed by descending ethanol series.

2
Heat-induced or alternative demasking of FFPE tissue section (optimal thickness: 1 µm)

3
Incubation with antibody of interest (defined concentration and time of incubation are essential)



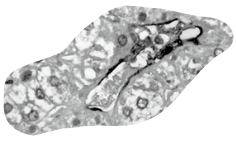
4
Application of detection system (substrate-chromogen-reaction)

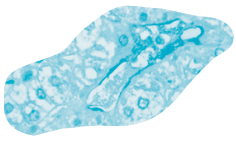
5
Counterstaining to colour the components that are not visualised by the principal stain

6
Protection and conservation of the stained tissue section with embedding medium and cover slip

↑
Selective antibody binding to specific antigens but not revealing the structural correlation yet

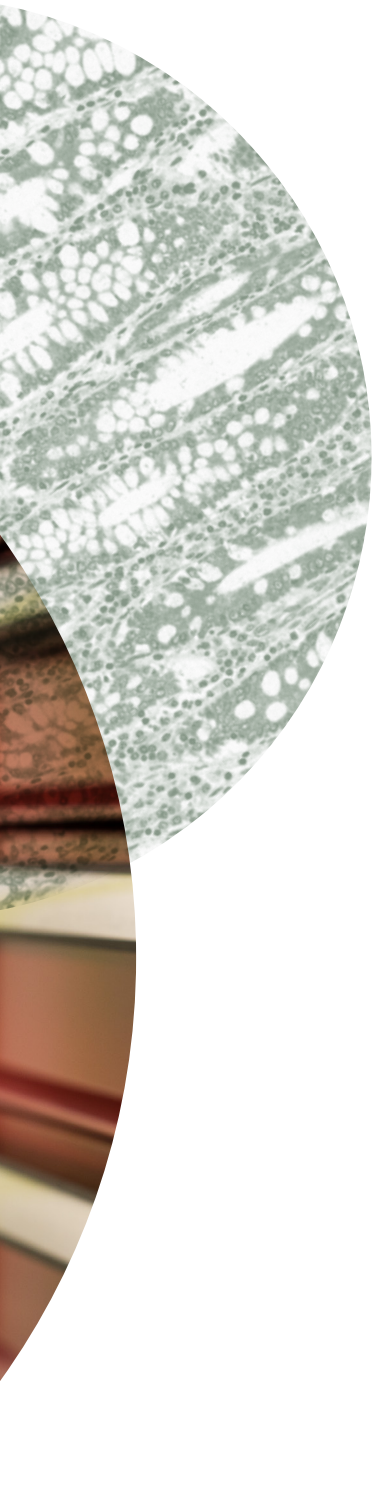
↑
Counterstaining allows the allocation of antigens within the structural elements of the tissue sample investigated





in situ hybridisation services

Molecular pathological services include evaluation of intact and diseased tissue specimens by pathologists, RNA in situ hybridisation, as well as RNA and DNA extraction. Top competence and wide-ranging experience are essential to fully exhaust the potential of all the techniques which are available to our customers, last but not least owing to our provitro-associated pathologists.



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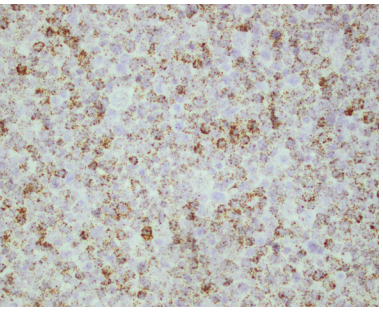
RNA in situ hybridisation



LRRC15 in mamma carcinoma

RNAscope® Technology is an in situ hybridisation (ISH) assay for detection of target RNA within intact cells. The assay represents a major advance in RNA ISH with its proprietary probe design to amplify target-specific signals but not background noise from non-specific hybridisation. And, the double Z probe design with its relatively short target region allows for successful hybridisation of partially degraded RNA.

RNA in situ hybridisation		
OFFER NO.	PRODUCT	SPECIFICATION
905 1211	Manufacturing and provision of 1 FFPE tissue slide, normal tissue	Price per slide
905 1221	Manufacturing and provision of 1 cryo tissue slide, normal tissue	Price per slide
905 2211	Manufacturing and provision of 1 FFPE tissue slide, pathological tissue	Price per slide
905 2214	Manufacturing and provision of 1 FFPE tissue slide, pathological tissue with advanced data	Price per slide
905 2221	Manufacturing and provision of 1 cryo tissue slide, pathological tissue	Price per slide
906 0701	FISH analysis	Price per slide
906 0801	RNAscope CISH analysis, manual, w/o probe or controls	Price per slide
906 0802	RNAscope CISH analysis, automated, w/o probe or controls	Price per slide
906 0807	Development of RNAscope CISH protocol	Price per probe
906 0808	Adjustment of RNAscope CISH protocol	Price per probe
906 0851	Evaluation of CISH with specific probe by pathologist (microscope objective scoring)	Price per slide
906 0852	Evaluation of ISH RNA positive control (strong/mediate/week/negative)	Price per slide
906 0853	Evaluation of ISH negative control (positive/negative)	Price per slide

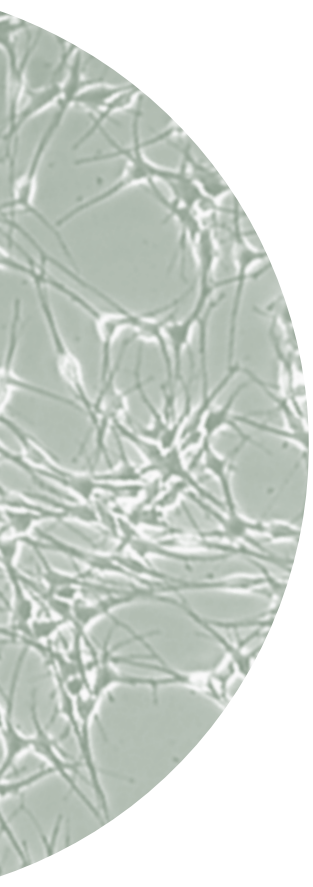
DNA and RNA extraction

Provitro offers services for total DNA or RNA isolation from cells and various tissue types. Purified DNA or RNA will be aliquoted as necessary for further investigation according to the customer's need and will be stored clearly labelled at -80°C. All processes are accomplished according to standard operation procedures (SOP). Quality control and product release are arranged according to clearly defined criteria.

Nucleic acid processing		
OFFER NO.	PRODUCT	SPECIFICATION
906 0101	RNA extraction from primary cells, cells not included	
906 0102	DNA extraction from primary cells, cells not included	
906 0201	RNA extraction from cell lines, cells not included	
906 0202	DNA extraction from cell lines, cells not included	
906 0311	Provisional gene targeting by RNAi in primary cells	
906 0312	Provisional gene targeting by RNAi in cell lines	
906 1211	Manufacturing and provision of 1 FFPE tissue slide, normal tissue	Price per slide, 5 µm section
906 1221	Manufacturing and provision of 1 cryo tissue slide, normal tissue	Price per slide, 5 µm section
906 2211	Manufacturing and provision of 1 FFPE tissue slide, pathological tissue	Price per slide, 5 µm section
906 2221	Manufacturing and provision of 1 cryo tissue slide, pathological tissue	Price per slide, 5 µm section
906 0501	RNA extraction from FFPE tissue	
906 0502	DNA extraction from FFPE tissue	
906 0601	Microdissection of relevant tissue area	Price per slide
906 1501	RNA extraction from FFPE tissue including quality control	Electrophoresis and Agilent
906 1502	DNA extraction from FFPE tissue including quality control	PCR GAPDH, real time PCR
906 1511	RNA extraction from cryo tissue including quality control	Electrophoresis and Agilent
906 1512	DNA extraction from cryo tissue including quality control	PCR GAPDH, real time PCR
906 2501	RNA quality control	Electrophoresis and Agilent
906 2502	DNA quality control	PCR GAPDH, real time PCR

tissue microarrays (TMA)

Tissue microarrays are an ideal tool in high-throughput analysis for antigen distribution or validation of newly identified pathogenetic genes. Tissue microarrays with up to 180 individual tissue samples on a single slide minimise variations in staining intensity, yielding consistent results. Tissue spots with a diameter of up to 2 mm provide sufficient area for morphological evaluation. Tissue microarrays provide a rapid solution for localisation of DNA or protein molecules in normal and pathological human tissues.



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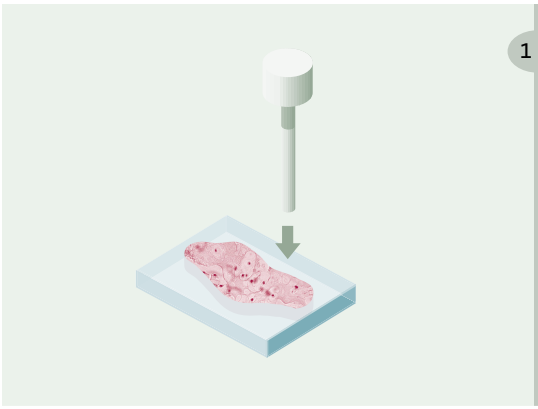
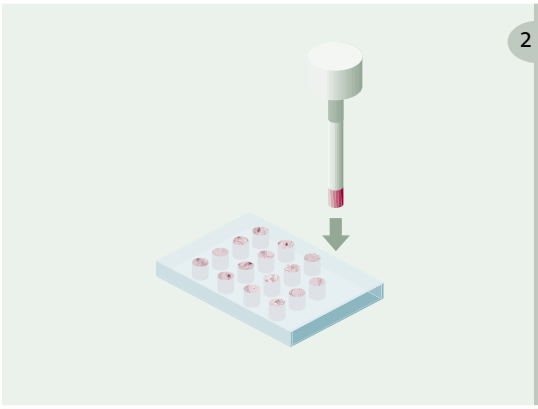
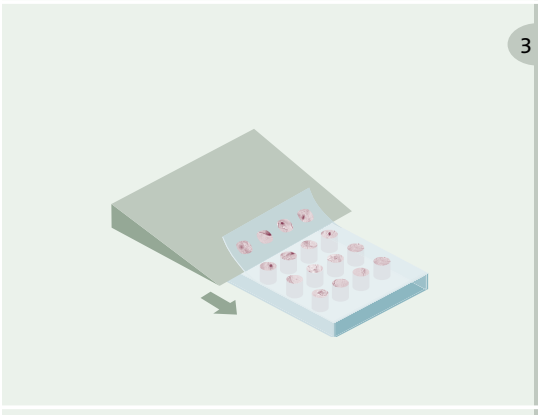
manufacturing process



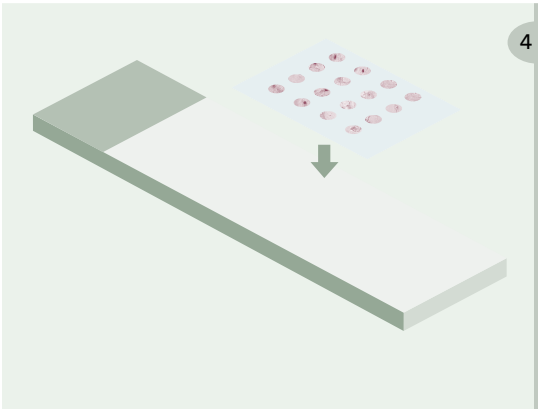
1 Cut-out of cylinders from tissue embedded in a paraffin block



2 Transfer of tissue cylinders into a new paraffin block



3 Preparation of a tissue section

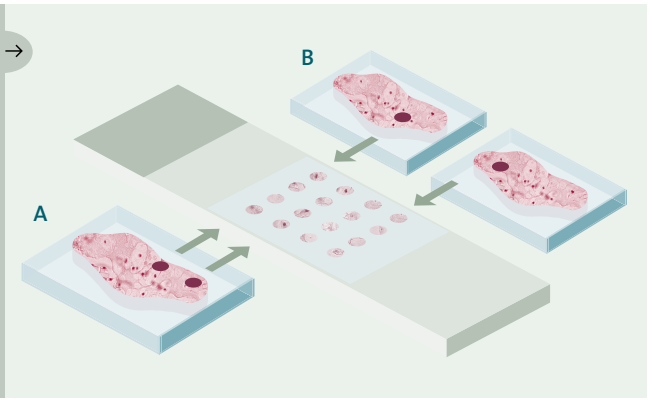


4 Transfer of a section from a block of a tissue array onto a slide

Provitro's tissue bank holds more than 1,000,000 samples which have been classified clinically and histopathologically. According to the customer's specifications, tissues are collected and assembled to TMA by our pathologists. Our experienced pathologists analyse the expression profile and provide you with a summary report, and stained tissue array slides along with representative digital images.

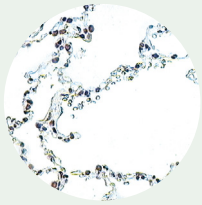
Tissue microarrays custom-made for expression study of proteins and in situ screening of mRNA

A from different tissue areas of one donor
B from tissue samples of various donors

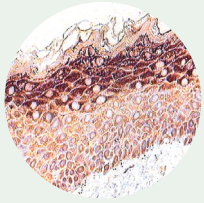


normal TMA

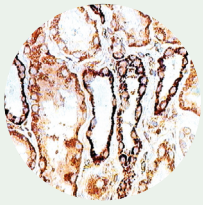
Normal TMA include normal tissue samples from a wide range of different human organs or matched organs from different species on one single slide.



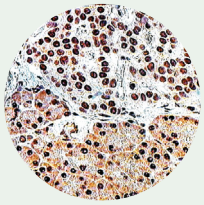
Normal lung with alveolar structure



Stratified layered epithelium of the skin



Renal tubular structures



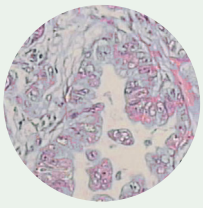
Acinar exocrine parenchyma of pancreas

Normal tissue TMA			
OFFER NO.	PRODUCT	SPECIFICATION*	PDF
401 1110	Normal adult tissue I	31 × 2.0 mm	→
401 1120	Normal adult tissue II	70 × 2.0 mm	→
401 1130	FDA-recommended normal tissue panel (44 tissue types, 3 donors each)	132 × 1.5 mm	→
401 1210	Normal adult brain tissue	09 × 1.5 mm	→
401 1211	Normal adult and foetal bone tissue	20 × 2.0 mm	→
401 1221	Normal adult cartilage tissue I	20 × 2.0 mm	→
401 1222	Normal embryonic and foetal cartilage tissue II	20 × 2.0 mm	→
401 1223	Normal adult and neonatal cartilage tissue	40 × 2.0 mm	→
401 1310	Normal tissue, multi-species	48 × 1.5 mm	→
401 1401	Stem cell rich tissue	18 × 2.0 mm	→

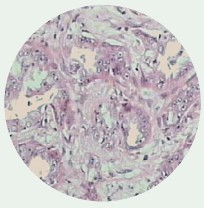
*No. of spots & diameter

tumour TMA

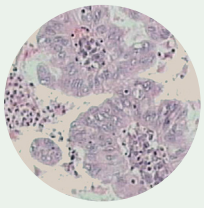
Tumour TMA include various tumours which are precisely graded, typed and classified according to WHO and/or UICC criteria.



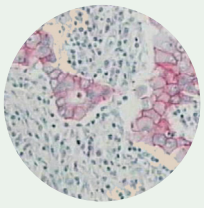
Pulmonary adenocarcinoma of donor # 1



Pulmonary adenocarcinoma of donor # 2



Pulmonary adenocarcinoma of donor # 3



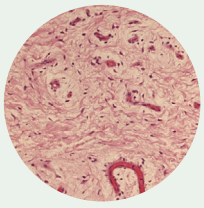
Pulmonary adenocarcinoma of donor # 4

Tumour tissue TMA			
OFFER NO.	PRODUCT	SPECIFICATION*	PDF
401 2101	Lymphoma	20 × 2.0 mm	→
401 2201	Colon carcinoma	60 × 1.5 mm	→
401 2202	Mamma carcinoma	59 × 1.5 mm	→
401 2203	Cervical carcinoma	52 × 2.0 mm	→
401 2204	Lung carcinoma	54 × 1.5 mm & 6 × 2.0 mm	→
401 2205	Thyroid carcinoma, matched normal tissue and Morbus Basedow	101 × 1.5 mm	→
401 2206	Pancreatic carcinoma, matched normal tissue and pancreatitis	96 × 1.5 mm	→
401 2207	Esophageal caricnoma	63 × 2.0 mm	→
401 2208	Cholangiocarcinoma, matched lymph node metastasis and matched normal liver	86 × 2.0 mm	→
401 2209	Prostate carcinoma, matched prostatic intraepithelial neoplasia and normal tissue	80 × 1.5 mm	→
401 2210	Endometrial carcinoma	60 × 2.0 mm	→
401 2211	Colon-UICC	71 × 2.0 mm	→
401 2212	Skeletal carcinomas	54 × 2.0 mm	→
401 2213	Ovarian carcinoma, matched normal	85 × 1.5 mm	→
401 2401	Multitumour - 4 organs	12 × 2.0 mm	→
401 2402	Multitumour - 10 organs	22 × 2.0 mm	→
401 2403	Multitumour - 12 organs	24 × 2.0 mm	→

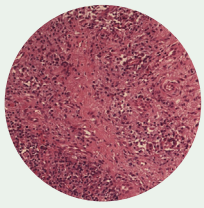
*No. of spots & diameter

inflammatory and autoimmune TMA

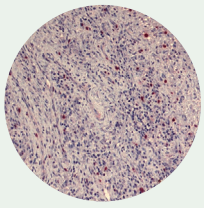
Inflammatory and autoimmune TMA include normal and disease tissue samples for synovitis (according to synovitis score by Krenn), colitis and autoimmune diseases (Hashimoto thyreoiditis, Sjögren sinusitis & eosinophilia, rheumatoid arthritis, psoriasis and others).



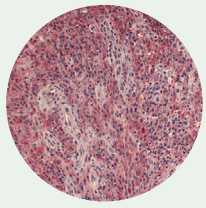
Normal synovial membrane (HE staining)



Dense inflammatory infiltration of synovia in rheumatoid arthritis



Cell proliferation in rheumatoid synovitis (KI-67 antigen)



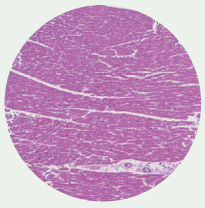
Heterogeneous IL4 expression in rheumatoid synovitis

Inflammatory and autoimmune tissue TMA			
OFFER NO.	PRODUCT	SPECIFICATION*	PDF
401 3101	Colitis	(36+1) × 2.0 mm	→
401 3201	Synovitis	28 × 2.0 mm	→
401 3301	Autoimmune diseases	43 × 2.0 mm	→

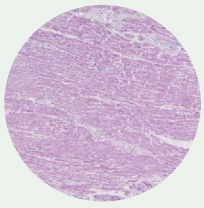
*No. of spots & diameter

cardiovascular TMA

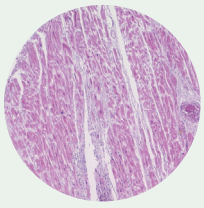
Cardiovascular TMA include samples from cardiovascular normal tissue and myorcardial infarction, myocardial hypertrophy of left heart / right heart and vascular tissue samples including classification of arteriosclerosis according to Stary.



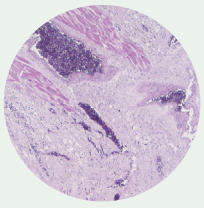
»Striated« fibres of normal myocard



Acute myocardial infarction



Infarct with inflammatory cells



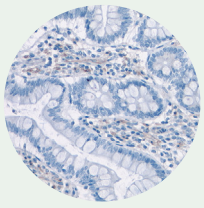
Infarct with hyperaemia and granulation tissue

Cardiovascular tissue TMA			
OFFER NO.	PRODUCT	SPECIFICATION*	PDF
401 4101	Myocardial infarction	50 × 2.0 mm	→
401 4102	Myocardial hypertrophy I – left heart	22 × 2.0 mm	→
401 4103	Myocardial hypertrophy II – right heart	22 × 2.0 mm	→
401 4201	Vascular tissue	50 × 2.0 mm	→

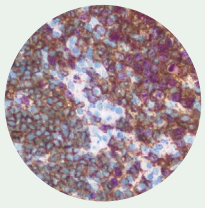
*No. of spots & diameter

customised TMA

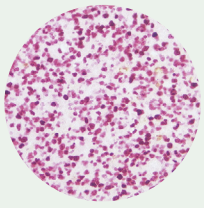
Customised TMA include service of tissue microarray manufacturing and slides cutting according to customer's needs. Additional immunohistochemistry service is available on request.



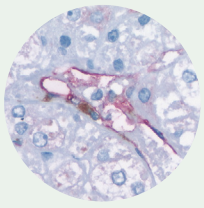
Normal colon, standard HE staining



CD20 positive cells in the tonsille



Synovialis, double staining with TRACP and Ki67



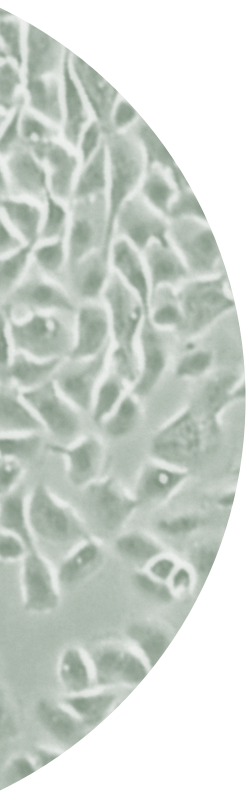
Double immunostaining of CD68 and CD4d in liver tissue

Customised TMA		
OFFER NO.	PRODUCT	SPECIFICATION*
401 5320	Manufacturing of iConTMA block	2×1.5 mm
401 5340	Manufacturing of iConTMA block	4 x 1.5 mm
904 0101	Array block preparation up to 180 customer tissue samples with 1.0 mm diameter	180×1.0 mm
904 0102	Array block preparation up to 115 customer tissue samples with 1.5 mm diameter	115×1.5 mm
904 0103	Array block preparation up to 80 customer tissue samples with 2.0 mm diameter	80×2.0 mm
904 0105	Array block preparation from samples of provitro tissue bank	
904 0211	Manufacturing of 1 slide of TMA block	Price per slide
904 0300	Manufacturing of recipient block, designing of TMA layout and corresponding data sheet	
904 0302	Transfer of marking of relevant tissue areas from H&E slide to donor block	Price per core
904 0303	Punching & transfer of tissue core from marked donor block to recipient block	Price per core
904 0304	Selection of relevant FFPE tissue samples; transfer of basic clinical data into new data base	Price per donor block
904 0402	TMA slide scanning using automated digital histology system	Price per slide
904 0505	Quality check and approval by Pathologist	Price per spot
904 0506	Evaluation by Pathologist, IRS score for one cell compartment	Price per spot
904 0507	Evaluation by Pathologist, H Score for one cell compartment	Price per spot
904 0508	Evaluation by Pathologist, % positive cells	Price per spot
904 0604	Data collection and compilation in EXCEL spreadsheets	Price per case
904 1301	Manufacturing and provision of FFPE tissue core, normal tissue	1.0 mm diameter

OFFER NO.	PRODUCT	SPECIFICATION*
904 1302	Manufacturing and provision of FFPE tissue core, normal tissue	1.5 mm diameter
904 1303	Manufacturing and provision of FFPE tissue core, normal tissue	2.0 mm diameter
904 2301	Manufacturing and provision of FFPE tissue core, pathological tissue	1.0 mm diameter
904 2302	Manufacturing and provision of FFPE tissue core, pathological tissue	1.5 mm diameter
904 2303	Manufacturing and provision of FFPE tissue core, pathological tissue	2.0 mm diameter

*No. of spots & diameter; detailed data sheets available at www.provitro.com

iCon TMA



Tissue slides for the internal control of immunohistochemistry or in-situ hybridisation (iConTMA) are designed to function as an in-process control that excludes false-negative staining results. The slides contain tissue spots that react positively or negatively to the antibody under investigation. The layout of the slide provides enough space to add a tissue section. By comparing your sample with the iConTMA spots you can determine the specificity of the reaction.
Provitro offers specific iConTMA for most common antibodies, produced according to EN ISO 13485 certified quality system requirements.

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an effective IHC calibration tool

A

Correct positive reaction

The antibody stained both the positive control spot and the examined tissue section whereas the negative control spot remained unstained, i.e. did not react with the antibody

B

Correct negative reaction

The expected reaction of the control spots confirms the absence of the antigen from the tissue section under examination

C

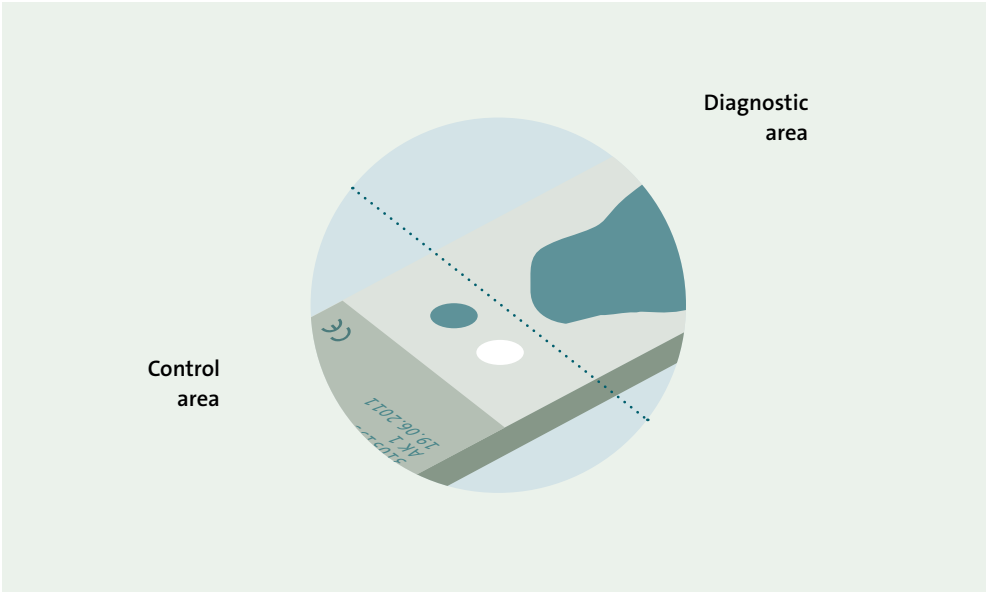
Unspecific positive reaction

Staining of both control spots and the tissue section indicates an unspecific reaction during the staining process. Possible causes: endogen tissue reaction to the detection system, inefficient antigen demasking

D

Malfunction

No reaction of the positive control spot shows that the staining process was interrupted or incomplete. The presence of the antigen cannot be evaluated

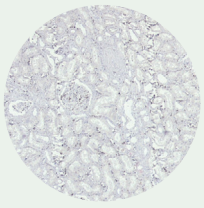


CE marking

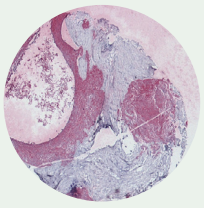
In-vitro diagnostic tests require a high level of product assurance. The use of iConTMA is an ideal way of meeting the increasing demand for quality assurance systems in immunohistochemistry. Provitro offers specific iConTMA for most common antibodies, produced according to EN ISO 13485 certified quality system requirements. By contrast to regular off-line inter-lab tests, iConTMA are a convenient in-process control tool.

iCon TMA

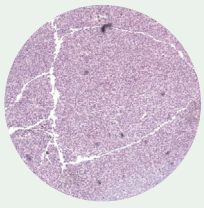
Tissue slides for internal control of immunohistochemistry or in situ hybridisation. The slides contain specific positive and negative tissue spots providing enough space to add your tissue under investigation. The specificity of the reaction can be determined and the reactivity can be scored by comparing your sample with the iCon TMA spots.



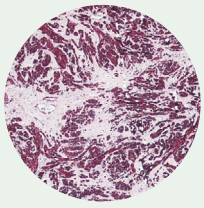
Double immunostaining of TRACP and Ki67 in synovial tissue



CK 5/6 positive epidermis



FLI positive cells in Ewing sarcoma



musculature, positive for actin

iCon (internal control) TMA			
OFFER NO.	PRODUCT	SPECIFICATION*	PDF
401 5320	Manufacturing of iConTMA block	2 x 1.5 mm	
401 5340	Manufacturing of iConTMA block	4 x 1.5 mm	
401 5101	Antibody control TMA - Her2	2 × 1.5 mm	→
401 5201	Antibody control TMA - Her2	4 × 1.5 mm	→
401 5102	Antibody control TMA - CK7	2 × 2.0 mm	→
401 5103	Antibody control TMA - BCL2	2 × 2.0 mm	→
401 5104	Antibody control TMA - CD20	2 × 2.0 mm	→
401 5105	Antibody control TMA - CD117 (c-kit)	2 × 1.5 mm	→
401 5106	Antibody control TMA - S100	2 × 1.5 mm	→
401 5107	Antibody control TMA - p16	2 × 1.5 mm	→
401 5108	Antibody control TMA - p53	2 × 1.5 mm	→
401 5109	Antibody control TMA - p63	2 × 1.5 mm	→
401 5110	Antibody control TMA - ER	2 × 2.0 mm	→
401 5111	Antibody control TMA - PgR	2 × 1.5 mm	→
401 5112	Antibody control TMA - CK20	2 × 1.5 mm	→
401 5113	Antibody control TMA - CK5/6	2 × 1.5 mm	→
401 5114	Antibody control TMA - FLI	2 × 1.5 mm	→
401 5115	Antibody control TMA - actin	2 × 1.5 mm	→
401 5116	Antibody control TMA - PSA	2 × 1.5 mm	→
401 5117	Antibody control TMA - EGFR	2 × 1.5 mm	→

OFFER NO.	PRODUCT	SPECIFICATION*	PDF
401 5222	Antibody control TMA - MUC1	4×1.5 mm	→
401 5223	Antibody control TMA - Ki67	4 x 1.5 mm	→
401 5224	Antibody control TMA - survivin	4 x 1.5 mm	→
401 5225	Antibody control TMA - W6/32	4 x 1.5 mm	→

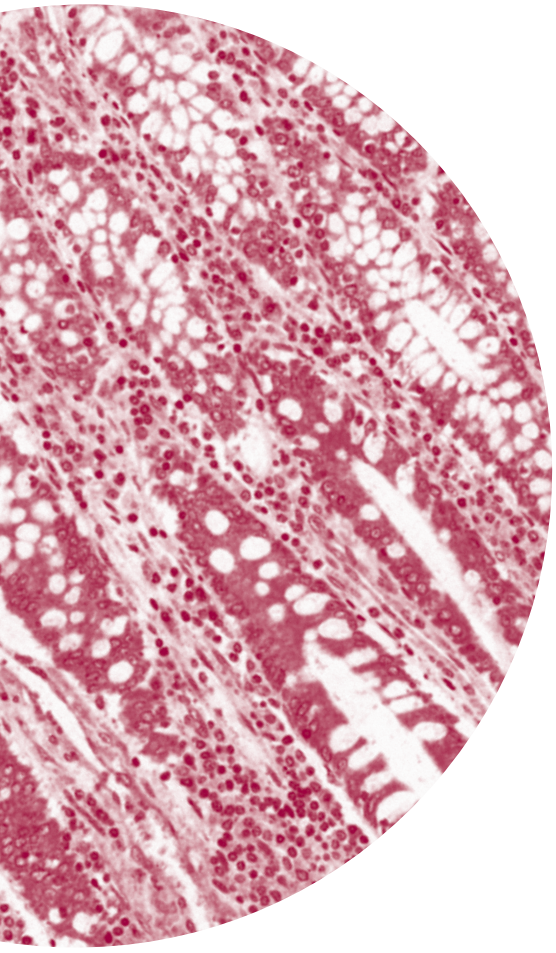
CE marked iCon (internal control) TMA

OFFER NO.	PRODUCT	SPECIFICATION*	PDF
402 5101	Antibody control TMA - Her2, CE marked, pack of 10	2×1.5 mm	→
402 5102	Antibody control TMA - CK7, CE marked, pack of 10	2×1.5 mm	→
402 5104	Antibody control TMA - CD20, CE marked, pack of 10	2×1.5 mm	→
402 5110	Antibody control TMA - ER, CE marked, pack of 10	2×1.5 mm	→
402 5111	Antibody control TMA - PgR, CE marked, pack of 10	2×1.5 mm	→
402 5112	Antibody control TMA - CK20, CE marked, pack of 10	2×1.5 mm	→
402 5113	Antibody control TMA - CK5, CE marked, pack of 10	2×1.5 mm	→
402 5122	Antibody control TMA - MUC1, CE marked, pack of 10	2×1.5 mm	→
402 5123	Antibody control TMA - Ki67, CE marked, pack of 10	2×1.5 mm	→
402 5124	Antibody control TMA - survivin, CE marked, pack of 10	2×1.5 mm	→
402 5125	Antibody control TMA - W6/32, CE marked, pack of 10	2×1.5 mm	→
402 5127	Antibody control TMA - CD3, CE marked, pack of 10	2×1.5 mm	→
	Instruction manual for the use of CE marked iCon TMA		→

*No. of spots & diameter

digital pathology

The evolving digital pathology offers new and fast solutions in evaluating and analyzing tissues. The provitro CaseCenter meets all requirements to manage scanned slide images and to provide access to them accordingly. Uploaded images can not only be **→ evaluated by our pathologists** but also **→ viewed and annotated by multiple persons simultaneously**, which also enables teleconsultations with our **→ provitro-associated pathologists**.



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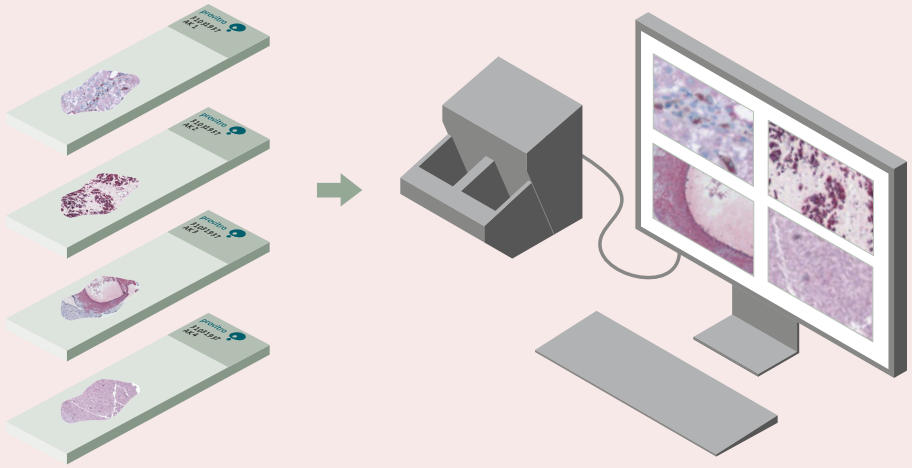
slide scanning, management and evaluation of slide images

Scan related services		
OFFER NO.	PRODUCT	SPECIFICATION
907 0401	Tissue slide scanning, standard, 20 × magnification	Price per slide
907 0402	TMA slide scanning, standard, 20 × magnification	Price per slide
907 0403	ISH analysis slide scanning, 40 × magnification	Price per slide
907 0301	Handling and documentation of customer scans	Price per scan
907 0302	Quality check of customer scans	Price per scan
907 0303	Checking of histopathological relevance of customer scans	Price per scan
907 0306	Access to digital scans in CaseCenter (limited to 3 month)	Price per scan
907 0307	Access to digital scans in CaseCenter (access renewal)	Price per scan
907 0500	Evaluation by Pathologist – tissue section	Price per slide
907 0501	Evaluation and annotation of relevant tissue area by Pathologist	Price per slide
907 0502	Evaluation by Pathologist, IRS score for one cell compartment	Price per slide
907 0503	Evaluation by Pathologist, H Score for one cell compartment	Price per slide
907 0504	Evaluation by Pathologist, % positive cells	Price per slide
907 0505	Evaluation by pathologist – TMA	Price per spot
907 0506	Evaluation by Pathologist, IRS score for one cell compartment – TMA	Price per spot
907 0507	Evaluation by Pathologist, H Score for one cell compartment – TMA	Price per spot
907 0508	Evaluation by Pathologist, % positive cells – TMA	Price per spot
907 0520	Teleconsulting with pathologist	

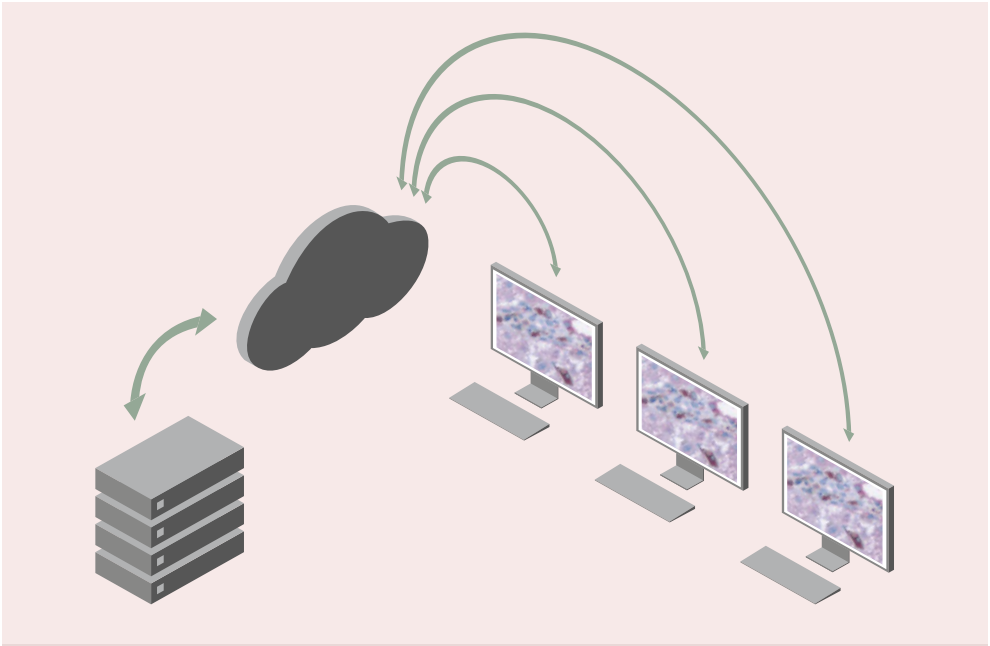


Scanning process

To benefit from the advantages of digital pathology, IHC, ISH or otherwise stained slides and TMA will be scanned using an automated digital histology system, and the images will be uploaded to the web-based provitro CaseCenter.

Key features

→ Digitizing of up to 150 slides in one run
→ Achieving up to 86x resolution
→ Integrated bar code reader
→ Automated detection of the sample on the slide

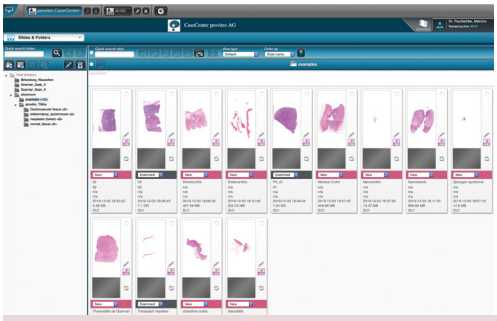


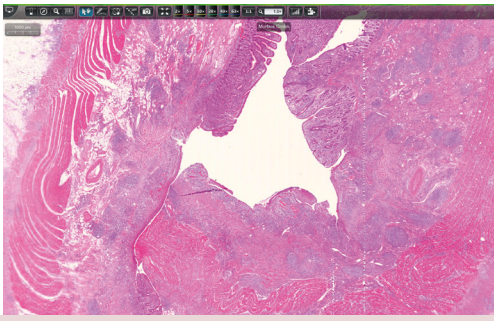
provitro CaseCenter

The user has access to the scan images using the provitro platform for viewing and sharing the scan images. Offered multi viewer sessions enable our customers not only to view the slides simultaneously but to benefit from the in-program chat and teleconsulting functions.

Key features

→ Secure database
→ Multiplatform slide viewer application
→ Case report can be created or edited
→ Server side barcode parsing





CaseViewer

A digital microscope application named CaseViewer that enables the user to view and annotate the images. A maximum of nine slides of a single case can be viewed simultaneously on the main screen. The annotations, the current view image and the whole slide image can be exported either as a high-resolution TIFF image or as a JPEG snapshot.

explainable AI based image analysis (in co-operation with AIgnostics)

AI based image analysis is becoming a new key technology in pathology applicable to various aspects of target validation or biomarker development. This machine-learning solution developed and operated by our co-operation partner is based on a growing database of annotated histomorphological structures. While the AI facilitates the identification and quantification of various tissue properties and associated biomarkers, it goes beyond conventional black-box machine learning approaches and explains classifier decisions by generating heatmaps for a direct verification of the AI results.

→ Machine learning benefits from exceptionally large database of annotated histomorphological structures
→ Explainable AI solution provides heatmaps for result verification
→ Standardized and reliable quantitative evaluation with accuracies

Co-operation partner

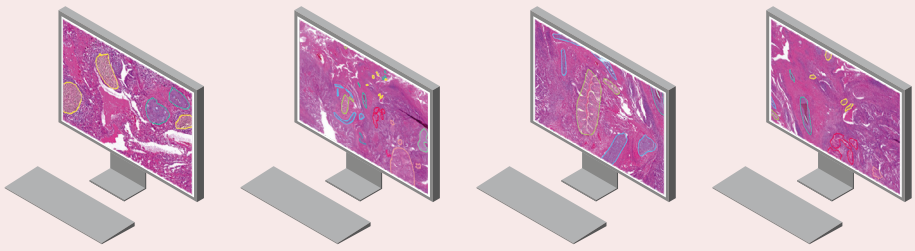
AIGNOSTICS

Data preparation for AI model training (AIgnostics samples)		
OFFER NO.	PRODUCT	SPECIFICATION
907 1001	Selection of relevant FFPE tissue samples; transfer of basic clinical data into data base	Price per block
907 1101	Manufacturing and provision of 1 FFPE tissue slide, normal tissue	Price per slide
907 1201	Standard histological staining of 1 slide	Price per slide
907 1501	Quality check and approval of tissue sections by Pathologist	Price per slide
907 1801	Tissue slide scanning using automated digital histology system	Price per slide
907 1901	Annotation of requested histomorphological structures	Price per object

Pre-training of AI model (AIgnostics samples)		
OFFER NO.	PRODUCT	SPECIFICATION
907 2101	Model selection & initial training runs (“proof of concept”)	Price per order
907 2111	Review and feedback by Pathologist (approval of “proof of concept”)	Price per order
907 2201	Fine-tuning and optimization of model performance	Price per order
907 2021	License fee for project-specific application of model	Included
907 2011	License fee for repeated application (e.g. deployment at Client)	On request

For orders and further information: www.provitro.com, sales@provitro.com, +49.30.585 849 82

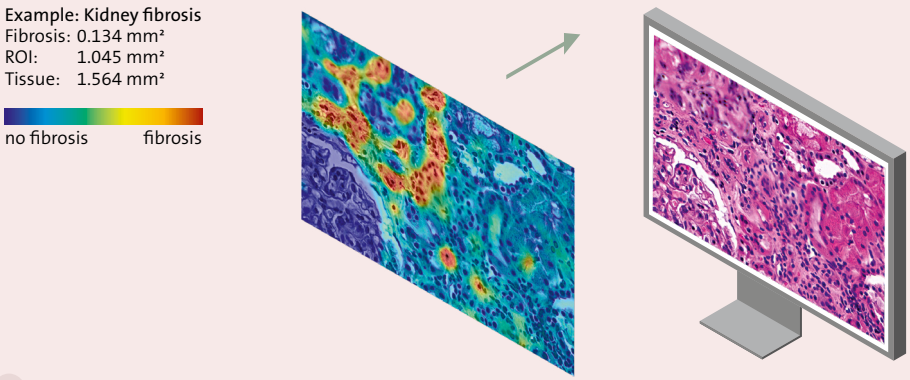
Image analysis of customer samples		
OFFER NO.	PRODUCT	SPECIFICATION
907 3001	Handling and documentation of customer tissue slides	Price per sample
907 1801	Tissue slide scanning using automated digital histology system	Price per slide
907 3101	Handling and documentation of customer scans	Price per scan
907 3211	Technical quality check of customer scans (monocentric samples)	Price per scan
907 3221	Technical quality check of customer scans (multicentric samples)	Price per scan
907 3301	Check of histopathological relevance of customer scans	Price per scan
907 3401	Application of pre-trained AI model on project in question	Price per slide
907 3501	Quality check and approval of analysis (incl. heatmaps) by Pathologist	Price per slide
907 3611	Access to AIgnostics' platform including data & heatmap download (limited to 3 month)	Price per scan
907 3621	Access to AIgnostics' platform including data & heatmap download (access renewal)	Price per scan
907 3901	Data collection and compilation in EXCEL spreadsheets	Price per case



1

Annotation/iterative AI training

AI training with expert-annotated data from various sources and setups



2

Image analysis by explainable AI

Beside the values of investigated variable, the image analysis generates a heatmap allocating the relevant morphological structures on the original image.

primary cell cultures

Each unit (vital ≙ proliferating flask, or cryo ≙ cryopreserved) contains more than 500,000 cells. Each cell strain is performance tested by extensive growth assays and inspection of cell morphology. Provitro guarantees a minimum of 10 population doublings of most normal human cell culture. Cell tests are negative for HIV-1 DNA, hepatitis B DNA, hepatitis C DNA, mycoplasma, bacteria, yeast and fungi. Provitro guarantees the homogeneity of each cell type according to cell type-specific test markers. Each unit comes with a certificate specifying the results of quality control for this cell culture.

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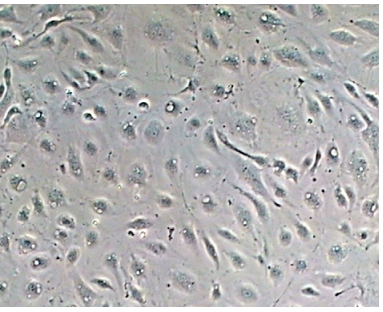
human endothelial cells



HMVEC-Da – Human microvascular endothelial cells, dermis, adult

Endothelium is the cover term to identify the blood-oriented cells in the innermost layer of the vascular wall (intima). Functioning as physiological barrier to tissue, the CD31- and vWF-positive cells express nitrogen oxide (NO) which plays a role in regulating the tonus of the vascular musculature. Damage to the endothelial cell layer has been assumed to be possibly a causative factor in the development of arteriosclerosis. Endothelium plays an equally important role in inflammatory processes and may be locally activated by various endogenous or microbial substances.

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Another type of media variation concerns the serum type used as supplement: In the case of human cell types, the culture media may be supplemented either with foetal calf serum (FSC) or human serum of AB blood group (HuS). The whole range of culture media provided by provitro will be found in the chapter »culture media« of this catalogue.

Human endothelial cells derived from umbilical blood vessels

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0111	HUVEC	Human umbilical vein endothelial cells	Vital, 5×10^5 cells/flask	→
121 0111	HUVEC	Human umbilical vein endothelial cells	Cryo, 5×10^5 cells/vial	→
111 0112	HUAEC	Human umbilical artery endothelial cells	Vital, 5×10^5 cells/flask	→
121 0112	HUAEC	Human umbilical artery endothelial cells	Cryo, 5×10^5 cells/vial	→
111 0113	HUVEC-p	Human umbilical vein endothelial cells, pooled	Vital, 5×10^5 cells/flask	→
121 0113	HUVEC-p	Human umbilical vein endothelial cells, pooled	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0001	Endothelial cell proliferation medium, FCS	→
201 1101	Endothelial cell growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

Human endothelial cells derived from adult blood vessels				
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0121	HSVEC	Human saphenous vein endothelial cells	Vital, 5×10^5 cells/flask	→
121 0121	HSVEC	Human saphenous vein endothelial cells	Cryo, 5×10^5 cells/vial	→
111 0131	HCAEC	Human coronary artery endothelial cells	Vital, 5×10^5 cells/flask	→
121 0131	HCAEC	Human coronary artery endothelial cells	Cryo, 5×10^5 cells/vial	→
111 0132	HPAEC	Human pulmonary artery endothelial cells	Vital, 5×10^5 cells/flask	→
121 0132	HPAEC	Human pulmonary artery endothelial cells	Cryo, 5×10^5 cells/vial	→
111 0151	HAOEC	Human aortic endothelial cells	Vital, 5×10^5 cells/flask	→
121 0151	HAOEC	Human aortic endothelial cells	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

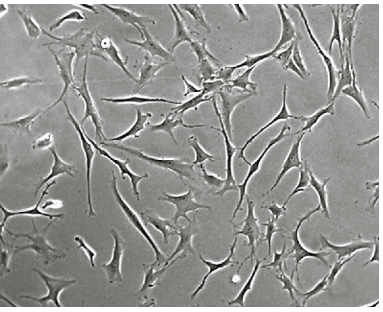
OFFER NO.	PRODUCT	PDF
201 0001	Endothelial cell proliferation medium, FCS	→
201 1101	Endothelial cell growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

Human microvascular endothelial cells				
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0141	HMVEC-F	Human microvascular endothelial cells, foreskin	Vital, 5×10^5 cells/flask	→
121 0141	HMVEC-F	Human microvascular endothelial cells, foreskin	Cryo, 5×10^5 cells/vial	→
111 0142	HMVEC-Dj	Human microvascular endothelial cells, dermis, juvenile	Vital, 5×10^5 cells/flask	→
121 0142	HMVEC-Dj	Human microvascular endothelial cells, dermis, juvenile	Cryo, 5×10^5 cells/vial	→
111 0143	HMVEC-Da	Human microvascular endothelial cells, dermis, adult	Vital, 5×10^5 cells/flask	→
121 0143	HMVEC-Da	Human microvascular endothelial cells, dermis, adult	Cryo, 5×10^5 cells/vial	→
111 0144	HMVEC-L	Human microvascular endothelial cells, lung	Vital, 5×10^5 cells/flask	→
121 0144	HMVEC-L	Human microvascular endothelial cells, lung	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0102	Microvascular endothelial cell growth medium, FCS	→
201 1102	Microvascular endothelial cell growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

human chondrocytes



HCHON – Human chondrocytes

A chondrocyte (also known by the name of cartilage cell) is a cell originating from chondroblasts and located in cartilaginous tissue. Chondrocytes produce the extracellular matrix of cartilaginous tissue. Their high synthetic performance is attributable to an advanced Golgi apparatus and plenty of rough endoplasmic reticulum. Their cellular structure is maintained by vimentin filaments of reticular arrangement within the cytoplasm. Chondrocytes are singularly scattered in cartilage cavities, with cartilage height being delimited from surrounding tissue by collagen fibres (Type II). Blood supply to chondrocytes is through the perichondrium and synovial fluid. In regenerative medicine, chondrocyte cultures are fixed on carrier material and are used for regeneration of cartilage.

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Another type of media variation concerns the serum type used as supplement: In the case of human cell types, the culture media may be supplemented either with foetal calf serum (FSC) or human serum of AB blood group (HuS). The whole range of culture media provided by provitro will be found in the chapter »culture media« of this catalogue.

Human chondrocytes

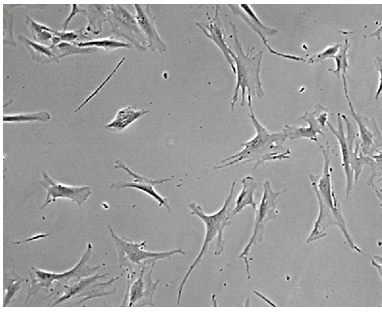
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0211	HCHON	Human chondrocytes	Vital, 5×10^5 cells/flask	→
121 0211	HCHON	Human chondrocytes	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0201	Chondrocyte growth medium, FCS	→
201 1201	Chondrocyte growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

human osteoblasts

Osteoblasts develop from undifferentiated mesenchymal cells or embryonic connective tissue cells and are responsible for osteogenesis by getting deposited onto bones like dermal layers thus providing the basis for new bone substance, i.e. bone matrix. In this process, they tend to undergo change to a framework of osteocytes which are no longer divisible, with that framework being gradually mineralised and filled up with calcium. Osteoclasts are antagonists to osteoblasts.



HOB – Human osteoblasts

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Another type of media variation concerns the serum type used as supplement: In the case of human cell types, the culture media may be supplemented either with foetal calf serum (FSC) or human serum of AB blood group (HuS). The whole range of culture media provided by provitro will be found in the chapter »culture media« of this catalogue.

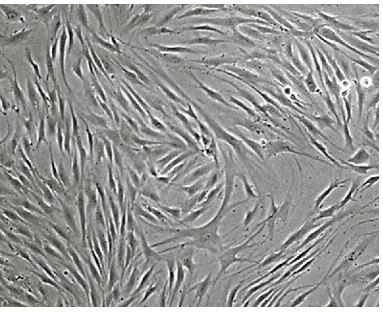
Human osteoblasts

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0311	HOB	Human osteoblasts	Vital, 5×10^5 cells/flask	→
121 0311	HOB	Human osteoblasts	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0301	Osteoblast growth medium, FCS	→
201 1301	Osteoblast growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

human fibroblasts



HFIB – Human fibroblasts

Fibroblast is the cover term for cells which are of mesenchymal origin and are located in connective tissue. They play an important role in the synthesis of intercellular substance, extracellular matrix. Collagen is one of the major fibroblast products and, together with contemporaneously formed proteoglykanes, provides for enhanced strength of the extracellular matrix. Damage to tissue is capable of stimulating proliferation of fibroblasts and increasing discharge of cytokines which have a positive impact on repair of such damage.

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Another type of media variation concerns the serum type used as supplement: In the case of human cell types, the culture media may be supplemented either with foetal calf serum (FSC) or human serum of AB blood group (HuS). The whole range of culture media provided by provitro will be found in the chapter »culture media« of this catalogue.

Human fibroblasts

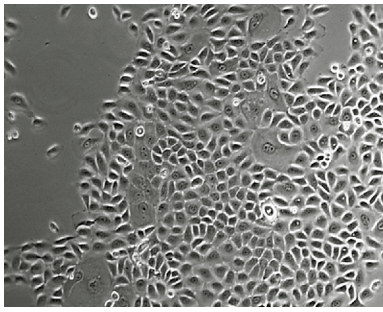
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0411	HFIB-D	Human fibroblasts, dermis	Vital, 5×10^5 cells/flask	→
121 0411	HFIB-D	Human fibroblasts, dermis	Cryo, 5×10^5 cells/vial	→
111 0412	HFIB-G	Human fibroblasts, gingiva	Vital, 5×10^5 cells/flask	→
121 0412	HFIB-G	Human fibroblasts, gingiva	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0401	Fibroblast growth medium, FCS	→
203 0401	Defined fibroblast maintenance medium, serum-free	→
204 0002	Passage kit 2	→

human keratinocytes

Primary epidermal keratinocytes not only build a physical barrier between organism and environment but also contribute to qualitative and quantitative regulation of dermally initiated immune response. Scientific research potentials include wide-ranging areas. The cosmetic industry, wound healing, skin replacement as well as studies into absorption of environmental substances by the human organism are just some of them.



HKER – Human keratinocytes

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

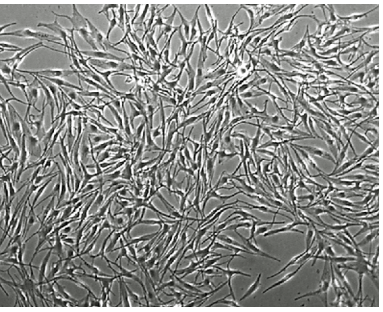
→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Human keratinocytes				
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0512	HKER-D	Human keratinocytes, dermis	Vital, 5×10^5 cells/flask	→
121 0512	HKER-D	Human keratinocytes, dermis	Cryo, 5×10^5 cells/vial	→
111 0511	HKER-F	Human keratinocytes, foreskin	Vital, 5×10^5 cells/flask	→
121 0511	HKER-F	Human keratinocytes, foreskin	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
203 0501	Keratinocyte growth medium, serum-free	→
204 0002	Passage kit 2	→

human melanocytes



HMEL – Human melanocytes

Melanocytes are dendritic cells of neuro-ectodermal origin within which melanin is produced of tyrosine. The latter is passed to surrounding keratinocytes in the form of so-called melanosomes. Melanin provides for effective protection of skin against ultraviolet radiation. Melanin production is regulated through both UV radiation and melanocyte-stimulating hormone (MSH). Increased amounts of MSH, for example, are produced in concomitance with Addison's disease, which grows manifest by intentified brownish discoloration of skin (tanning). An important role is played by melanocytes or melanocyte precursors in the following diseases: vitiligo (or white-spot disease), melanoma, dysplastic naevus, lentigo, melasma, BK-mole syndrome and albinism.

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Human melanocytes

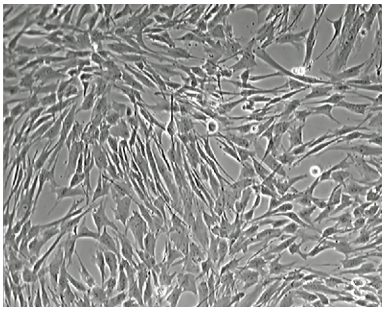
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0522	HMEL-F	Human melanocytes, foreskin	Vital, 5×10^5 cells/flask	→
121 0522	HMEL-F	Human melanocytes, foreskin	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
203 0502	Melanocyte growth medium	→
204 0002	Passage kit 2	→

human myocytes

Unstriated (smooth) musculature includes contractile tissue of many hollow organs, blood vessels, lymphatic vessels and other structures in the human body. It differs from striated muscles, in that it is not subject to voluntary control. Actin, myosin and intermediary filaments of the desmin group (desmin, vimentin) are its predominant filaments. Smooth muscle cells are capable of synthetising collagen and other components of the extracellular matrix, such as proteoglykanes, elastin and laminin, and are probably involved in electromechanical coupling.



HTSMC – Human tracheal smooth muscle cells

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Another type of media variation concerns the serum type used as supplement: In the case of human cell types, the culture media may be supplemented either with foetal calf serum (FSC) or human serum of AB blood group (HuS). The whole range of culture media provided by provitro will be found in the chapter »culture media« of this catalogue.

Human smooth muscle cells				
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0611	HUASMC	Human umbilical artery smooth muscle cells	Vital, 5×10^5 cells/flask	→
121 0611	HUASMC	Human umbilical artery smooth muscle cells	Cryo, 5×10^5 cells/vial	→
111 0612	HCASMC	Human coronary artery smooth muscle cells	Vital, 5×10^5 cells/flask	→
121 0612	HCASMC	Human coronary artery smooth muscle cells	Cryo, 5×10^5 cells/vial	→
111 0613	HPASMC	Human pulmonary artery smooth muscle cells	Vital, 5×10^5 cells/flask	→
121 0613	HPASMC	Human pulmonary artery smooth muscle cells	Cryo, 5×10^5 cells/vial	→
111 0614	HAOSMC	Human aortic smooth muscle cells	Vital, 5×10^5 cells/flask	→
121 0614	HAOSMC	Human aortic smooth muscle cells	Cryo, 5×10^5 cells/vial	→
111 0631	HUSMC	Human urothelial smooth muscle cells	Vital, 5×10^5 cells/flask	→
121 0631	HUSMC	Human urothelial smooth muscle cells	Cryo, 5×10^5 cells/vial	→
111 0632	HBSMC	Human bronchial smooth muscle cells	Vital, 5×10^5 cells/flask	→
121 0632	HBSMC	Human bronchial smooth muscle cells	Cryo, 5×10^5 cells/vial	→
111 0633	HTSMC	Human tracheal smooth muscle cells	Vital, 5×10^5 cells/flask	→
121 0633	HTSMC	Human tracheal smooth muscle cells	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0601	Smooth muscle cell growth medium, FCS	→
204 0002	Passage kit 2	→

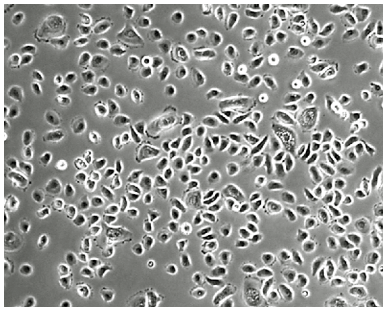
Human skeletal muscles				
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0691	HSKMC	Human skeletal muscle cells	Vital, 5×10^5 cells/flask	→
121 0691	HSKMC	Human skeletal muscle cells	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0602	Skeletal muscle cell growth medium, FCS	→
203 0603	Skeletal muscle cell differentiation medium, serum-free	→
204 0002	Passage kit 2	→

human epithelial cells

Epithelial cells form the cover of all internal and exterior body surfaces. They are positioned in close density and are characterised by plenty of cellular contacts. They do not contain blood vessels. Their polarity is another property which all of them have in common. They have an outer apical surface which is oriented to the exterior (e.g. of skin) or to the lumen (e.g. of intestine or glands) and a basal surface connected through basal lamina to the tissue layers beneath. The polarity of epithelial cells is characterised by structural and functional differences between their apical and basal membranes.



HSAEPC – Human small airway epithelial cells

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Culture media, therefore, are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version.**

Human airway epithelial cells

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0711	HNEPC	Human nasal epithelial cells	Vital, 5×10^5 cells/flask	→
121 0711	HNEPC	Human nasal epithelial cells	Cryo, 5×10^5 cells/vial	→
111 0712	HBEPC	Human bronchial epithelial cells	Vital, 5×10^5 cells/flask	→
121 0712	HBEPC	Human bronchial epithelial cells	Cryo, 5×10^5 cells/vial	→
111 0713	HTEPC	Human tracheal epithelial cells	Vital, 5×10^5 cells/flask	→
121 0713	HTEPC	Human tracheal epithelial cells	Cryo, 5×10^5 cells/vial	→
111 0714	HSAEPC	Human small airway epithelial cells	Vital, 5×10^5 cells/flask	→
121 0714	HSAEPC	Human small airway epithelial cells	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
203 0701	Airway epithelial cell growth medium, serum-free	→
204 0004	Passage kit 4	→

Human urothel epithelial cells:

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0721	HUEPC	Human urothelial epithelial cells	Vital, 5×10^5 cells/flask	→
121 0721	HUEPC	Human urothelial epithelial cells	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
203 0702	Urothel epithelial cell growth medium, serum-free	→
204 0004	Passage kit 4	→

Human mammary epithelial cells:

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0731	HMEPC	Human mammary epithelial cells	Vital, 5×10^5 cells/flask	→
121 0731	HMEPC	Human mammary epithelial cells	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
203 0703	Mammary epithelial cell growth medium, serum-free	→
204 0004	Passage kit 4	→

human mesenchymal stem cells

Adult stem cells are undifferentiated cells found among specialised or differentiated cells in a tissue or organ after birth. They appear to be restricted in their capability of producing different cell types and of undergoing self-renewal, as compared to embryonic stem cells. Based oncurrent research, adult stem cells may serve as a source for tissue repair, e.g. for regeneration of damaged heart tissue, or for repair of eroded cartilage in rheumatoid arthritis.

After isolating the cells, they were characterised by:

→ Positive markers (e.g. CD105)

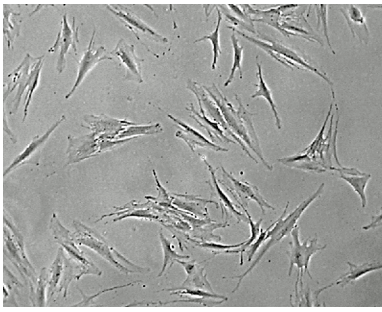
→ Negative markers (MAC-1, CD14, CD19, CD34, CD45, HLA-DR)

As an additional measure of quality assurance, the stem cell differentiation to desired lineages was tested:

→ chondrogenesis

→ osteogenesis

→ adipogenesis



HOB – Human osteoblasts

Culture media

Provitro's culture media are designed to meeting various needs of our customers. Therefore, the proliferation and differentiation media are provided in different combinations of basal media and supplements:

→ **Culture media with one single premix of all supplements attached,**

→ **Culture media with individual vials for each single supplement attached, i.e. as kit version.**

For the whole range of growth media available from Provitro see Chapter »mesenchymal« of this catalogue.

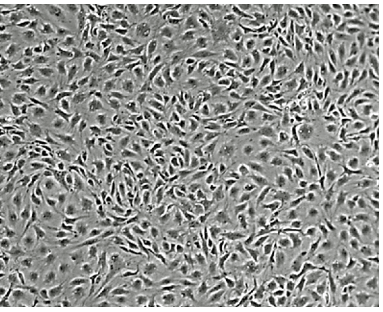
Human mesenchymal stem cells

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
111 0911	HMSC-BM	Human mesenchymal stem cells, bone marrow	Vital, 5×10^5 cells/flask	→
121 0911	HMSC-BM	Human mesenchymal stem cells, bone marrow	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0901	HMSC proliferation medium, FCS	→
211 0903	HMSC osteogenesis induction medium, FCS kit	→
211 0904	HMSC adipogenesis induction medium, FCS kit	→
213 0902	HMSC chondrogenesis induction medium, serum-free kit	→
213 1001	Cancer stem cell medium (BIT-100), serum-free	→
204 0002	Passage kit 2	→

miscellaneous mammalian cells



BAEC – Bovine aortic endothelial cells

Provitro possesses expertise in isolating not only human primary cells but also those of other mammalian origin. The cell types listed below are among those particularly high in demand.

Culture media

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→ **Culture media with individual vials for each single supplement attached, i.e. as kit version**

Another type of media variation concerns the serum type used as supplement: In the case of human cell types, the culture media may be supplemented either with foetal calf serum (FSC) or human serum of AB blood group (HuS). The whole range of culture media provided by provitro will be found in the chapter »culture media« of this catalogue.

Bovine aortic endothelial cells

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
112 0133	BAEC	Bovine aortic endothelial cells	Vital, 5×10^5 cells/flask	→
122 0133	BAEC	Bovine aortic endothelial cells	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0001	Endothelial cell proliferation medium, FCS	→
201 1101	Endothelial cell growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

Bovine chondrocytes

OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
112 0211	BCHON	Bovine chondrocytes	Vital, 5×10^5 cells/flask	→
122 0211	BCHON	Bovine chondrocytes	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

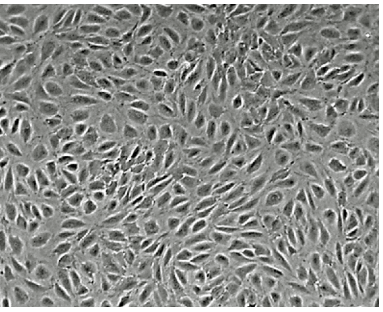
OFFER NO.	PRODUCT	PDF
201 0201	Chondrocyte growth medium, FCS	→
201 1201	Chondrocyte growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

Ovine osteoblasts				
OFFER NO.	PRODUCT	DESCRIPTION	SPECIFICATION	PDF
113 0311	OOB	Ovine osteoblasts	Vital, 5×10^5 cells/flask	→
123 0311	OOB	Ovine osteoblasts	Cryo, 5×10^5 cells/vial	→

Recommended standard culture media/subculturing system

OFFER NO.	PRODUCT	PDF
201 0301	Osteoblast growth medium, FCS	→
201 1301	Osteoblast growth medium, advanced, FCS	→
204 0002	Passage kit 2	→

cell culture services



HPAEC – Human pulmonary artery endothelial cells

Customised cell isolation

Provitro provides customised isolation of primary cells from tissue supplied by the customer. Included are not only standard cell types listed in this catalogue but other cell types as well. Please, contact us for a quotation in conformity with your specific needs. Should certain desired cell types not be included in our standard programme, we shall be glad to perform the first test trial of cell isolation free of charge.

Cell culture test of new/toxic substances on primary cells and defined cell lines, respectively

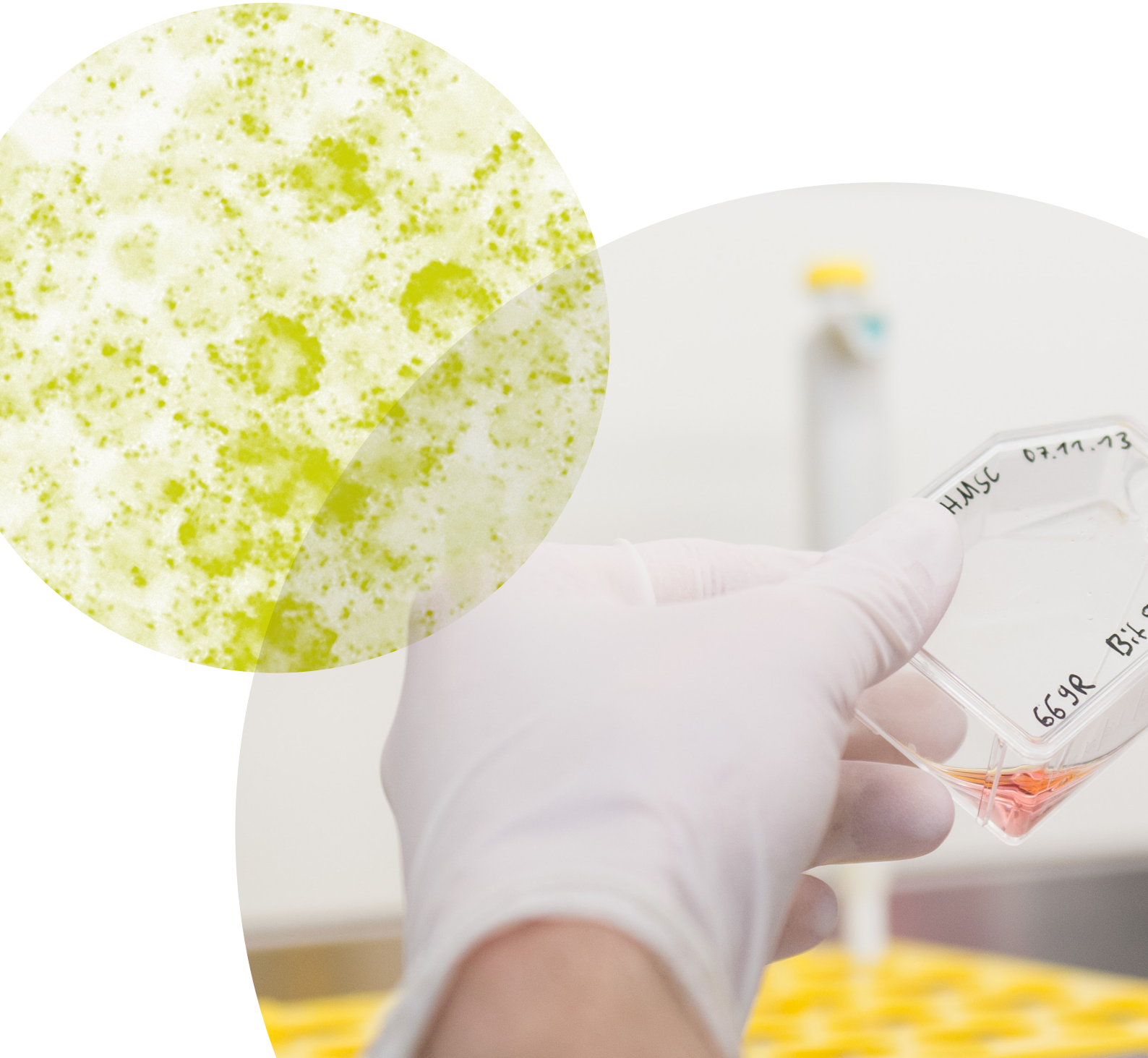
Cytotoxicity testing is based on the general assumption that any substance, depending on its concentration, may have toxic effects on human cells. The test concerned will define and identify basal cytotoxicity, independent of metabolic effects. The test system may be used to check all aqueous or water-soluble samples as well as eluates of solids for their toxicity on human cells.

Individual training course on cell culture methods

Provitro offers specialised training courses for techno-scientific staff and thus is prepared to transfer its proprietary experience with regard to cell culture systems. Provided is basic theoretical knowledge together with an opportunity to obtain practical skills in isolating and maintaining cell cultures. We also provide tuition in maintaining cell and tissue cultures in our perfusion culture systems, PCS^{3c}, TCS^{2c} and FCS^{1c} (see chapter »perfusion culture systems«).

Customised cell culture services	
OFFER NO.	PRODUCT
901 0101	Customised cell isolation of primary cells
901 0201	Cell culture test of new/toxic substances on primary cells
901 0202	Cell culture test of new/toxic substances on defined cell lines
901 0203	Establishing of pellet culture, induction of cell differentiation and FFPE preservation
901 0205	Preparation of FFPE blocks from formalin-fixed cell pellets
901 0901	Individual training course on cell culture methods, 1 day, first person
901 0911	Individual training course on cell culture methods, 1 day, accompanying person
905 0601	Final report including detailed protocol and representative photos

culture media



Provitro developed its culture media as unit assembly systems which contain supplements specific of each cell type. Therefore, you can get our media as:

· defined basal media without any growth factors, mitogens or proteins

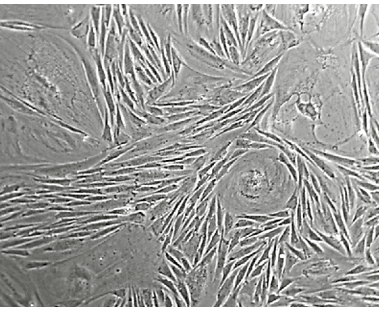
· culture media with one single premix of all supplements

· culture media with individual vials for each single supplement as kit version

In order to give you the opportunity to work very closely to the in vivo situation, we created an additional human medium version for all low serum containing media supplemented with human serum of AB blood group (HuS).
The FCS tests negative for mycoplasma, bacterial L-forms and virus contamination. HuS has shown to be free from mycoplasma, Hbs antigen and antibodies to HCV, HIV-1 and HIV-2.

← back to main contents

our media label



HPC – Human periost cells

Our media label displays all important information about the contents, expiry date and Lot-No. of the culture medium plus a box to be ticked and useful lines reserved for your internal quality management purposes.

provitro

Endothelial cell proliferation medium

Order No.: 201 1102
Ready to use with supplements, only.

FCS

Addition by user:
☐ Supplement 218 0001

Date: _____

User-Lot No.: _____

Culture medium expires within 30 days of supplementation. In vitro laboratory use only. Not intended for any human or animal diagnostic or therapeutic use.

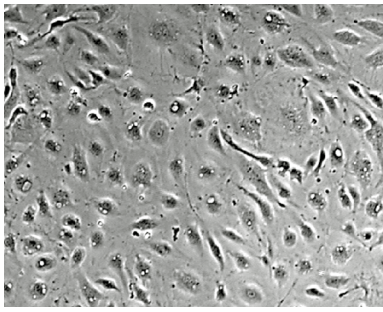
Basal medium	Cat No.: 200 0001
Lot No.: MC1217P-EC	500 ml
Exp.: 12/2022	Store at +4°C to +8°C

← fill in the date you have added the supplements

← fill in your internal lot number

endothelial cell growth media

Provitro's endothelial cell growth media were developed to provide endothelial cells with optimal growth conditions in a low-serum environment. Provitro's basal growth media will be supplemented with FCS less than 5%, an endothelial growth supplement, recombinant human EGF and bFGF and hydrocortisone according to the specification of the growth media.



HMVEC-Da – Human microvascular endothelial cells, dermis, adult,

Based on the expertise of provitro and some of our customers, our two endothelial cell growth media are recommended for the cell types listed below:

Endothelial cell growth medium, low serum

Endothelial cell growth medium, advanced, low serum

→ HUVEC, human pulmonary artery and human saphenous vein endothelial cells and endothelial cells derived from mouse, rat, rabbit, pig or cattle.

Microvascular endothelial cell growth medium, low serum

Microvascular endothelial cell growth medium, advanced, low serum

→ HMVEC; human coronary, lung, brain and aortic endothelial cells. Also useful with endothelial cells derived from mouse, rat, rabbit, pig or cattle.

Provitro's endothelial cell growth media are supplied in three variants of unit assembly:

→ **Defined basal growth media without any growth factors, mitogens or proteins**
Therefore, to get a growth medium you have to add your own supplements or use our supplement kits. Using the basal medium, the adherent cells are able to survive over a time period of one up to three days but they starve during this time and they do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need always the complete growth medium for cell culture one should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Whereas frozen supplements and cooled media may be stored for nine months, one should use the ready-to-use growth medium within 30 days after adding the supplements.

→ **Growth media with individual vials for each single supplement as kit version**
If you need flexibility in your experiments we are able to provide you with a medium that enables you only to add that supplement you really want to give into the basal growth medium.

endothelial cell growth media

Endothelial cell medium, basal			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0001	Endothelial cell proliferation medium, basal	Basal	→
200 0001-prf	Endothelial cell proliferation medium, basal	Basal-prf	→

Endothelial cell proliferation medium			
201 0001	Endothelial cell proliferation medium	FCS	→
201 0001-prf	Endothelial cell proliferation medium, phenol red free	FCS-prf	→
211 0001	Endothelial cell proliferation medium	FCS kit	→
211 0001-prf	Endothelial cell proliferation medium, phenol red free	FCS kit-prf	→

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS	0.07 ml
Heparin	10.00 µg
human rec. EGF	10.00 ng
human rec. bFGF	5.00 ng
human rec. R3 IGF-1	5.00 ng
human rec. VEGF	0.50 ng
Ascorbic acid	1.00 µg
Hydrocortison	0.20 µg
Gentamicin	50.00 µg
Amphotericin B	50.00 µg

Endothelial cell growth medium, advanced			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 1101	Endothelial cell growth medium, advanced	FCS	→
201 1101-prf	Endothelial cell growth medium, advanced, phenol red free	FCS-prf	→
211 1101	Endothelial cell growth medium, advanced	FCS kit	→
211 1101-prf	Endothelial cell growth medium, advanced, phenol red free	FCS kit-prf	→
212 1101	Endothelial cell growth medium, advanced	Hus kit	→
212 1101-prf	Endothelial cell growth medium, advanced, phenol red free	Hus kit-prf	→
262 1101	Endothelial cell growth medium, GMP	Hus kit	

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS	0.02 ml
Heparin	22.50 µg
human rec. EGF	5.00 ng
human rec. bFGF	10.00 ng
human rec. VEGF	0.50 ng
human rec. R3 IGF-1	20.00 ng
Ascorbic acid	1.00 µg
Hydrocortison	0.20 µg
Gentamicin	50.00 µg
Amphotericin B	50.00 µg

Microvascular endothelial cell growth medium, basal			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0102	Microvascular endothelial cell growth medium, basal	Basal	→
200 0102-prf	Microvascular endothelial cell growth medium, basal, phenol red free	Basal-prf	→

Microvascular endothelial cell growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 0102	Microvascular endothelial cell growth medium	FCS	→
201 0102-prf	Microvascular endothelial cell growth medium, phenol red free	FCS-prf	→
211 0102	Microvascular endothelial cell growth medium	FCS kit	→
211 0102-prf	Microvascular endothelial cell growth medium, phenol red free	FCS kit-prf	→
212 0102	Microvascular endothelial cell growth medium	Hus kit	→
212 0102-prf	Microvascular endothelial cell growth medium, phenol red free	HuS kit-prf	→

Supplementation with:

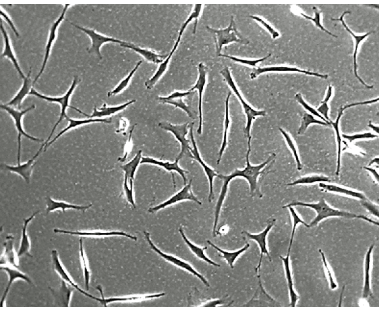
SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS	0.05 ml
ECGS/H (3 mg/ml)	4.00 µl
human rec. EGF	10.00 ng
Hydrocortison	1.00 µg
Gentamicin	50.00 µg
Amphotericin B	50.00 µg

Microvascular endothelial cell growth medium, advanced			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 1102	Microvascular endothelial cell growth medium, advanced	FCS	→
201 1102-prf	Microvascular endothelial cell growth medium, advanced, phenol red free	FCS-prf	→
211 1102	Microvascular endothelial cell growth medium, advanced	FCS kit	→
211 1102-prf	Microvascular endothelial cell growth medium, advanced, phenol red free	FCS kit-prf	→
212 1102	Microvascular endothelial cell growth medium, advanced	Hus kit	→
212 1102-prf	Microvascular endothelial cell growth medium, advanced, phenol red free	Hus kit-prf	→
262 1102	Microvascular endothelial cell growth medium, GMP	Hus kit	

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS	0.05 ml
human rec. EGF	5.00 ng
human rec. bFGF	10.00 ng
human rec. R3 IGF-1	20.00 ng
human rec. VEGF	0.50 ng
Ascorbic acid	1.00 µg
Hydrocortison, 0.1 mg	0.20 µg
Gentamicin	50.00 µg
Amphotericin B	50.00 µg

chondrocyte cell growth media



HCHON – Human chondrocytes

Provitro's chondrocyte growth media were developed to provide chondrocytes with optimal growth conditions.

Based on the expertise of provitro and some of our customers, our chondrocyte growth media are recommended for chondrocytes of the species listed below:

Chondrocyte growth media

Chondrocyte growth media, advanced

→ Human chondrocytes and those derived from mouse, rat, or cattle.

Provitro's chondrocyte growth media will be supplied in two variants of unit assembly:

→ **Defined basal growth medium/defined basal growth medium, advanced without any growth factors, mitogens or proteins**
Therefore, to get a growth medium you have to add your own supplements or use our growth media with premixed supplements. Using the basal growth medium, the adherent cells are able to survive over a period of one up to three days, but they starve during this time and do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need at any time the complete growth medium for cell culture you should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium, you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Frozen supplements and cooled media may be stored for nine months, whereas ready-to-use growth medium should be used within 30 days from addition of supplements .

Chondrocyte growth medium, basal & basal, advanced			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0201	Chondrocyte growth medium, basal	Basal	→
200 0201-prf	Chondrocyte growth medium, basal, phenol red free	Basal-prf	→
200 1201	Chondrocyte growth medium, basal, advanced	Basal-a	→

Chondrocyte growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 0201	Chondrocyte growth medium	FCS	→
201 0201-prf	Chondrocyte growth medium, phenol red free	FCS-prf	→

Supplementation with:

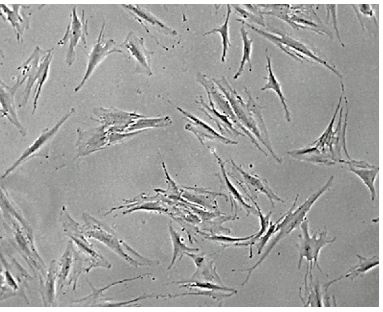
SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS or HuS	0.10 ml
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

Chondrocyte growth medium, advanced			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 1201	Chondrocyte growth medium, advanced	FCS	→
262 1201	Chondrocyte growth medium, GMP	HuS	

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS or HuS	0.10 ml
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

osteoblast cell growth media



HOB – Human osteoblasts

Provitro's osteoblast growth media were developed to give osteoblasts optimal growth conditions.

Based on the expertise of provitro and some of our customers, our osteoblast growth media are recommended for osteoblasts from species listed below.

Osteoblast growth media

Osteoblast growth media, advanced

→ Human osteoblasts and those derived from mouse, rat, or cattle.

Provitro's osteoblast growth media are supplied in two variants of unit assembly:

→ **Defined basal growth medium/defined basal growth medium, advanced without any growth factors, mitogens or proteins**
Therefore, to get a growth medium you have to add your own supplements or use our growth media with premixed supplements. Using the basal growth medium, the adherent cells are able to survive over a time period of one up to three days but they starve during this time and they do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need always the complete growth medium for cell culture one should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Whereas frozen supplements and cooled media may be stored for nine months, one should use the ready-to-use growth medium within 30 days after adding the supplements.

Osteoblast growth medium, basal & basal, advanced			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0301	Osteoblast growth medium, basal	Basal	→
200 1301	Osteoblast growth medium, basal, advanced	Basal-a	→

Osteoblast growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 0301	Osteoblast growth medium	FCS	→

Supplementation with:

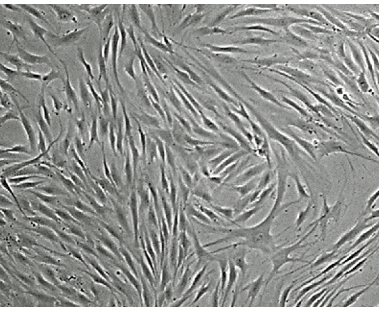
SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS or HuS	0.10 ml
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

Osteoblast growth medium, advanced			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 1301	Osteoblast growth medium, advanced	FCS	→
262 1301	Osteoblast growth medium, GMP	HuS	

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS or HuS	0.10 ml
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

fibroblast growth media



HFIB – Human fibroblasts

Provitro's fibroblast growth media were developed to give fibroblasts optimal growth conditions. For working under serum-free, defined conditions provitro has developed a defined fibroblast growth medium, that contains no unknown compound. For routine work, we offer a serum-containing version of fibroblast growth medium that can be used with all fibroblasts, including those frozen before in a high serum containing medium.

Based on the expertise of provitro and some of our customers, our fibroblast growth media are recommended for fibroblasts of the species listed below:

Fibroblast growth media, complete

Serum-free fibroblast growth media

→ Human fibroblasts and those derived from mouse, rat or cattle.

Provitro's fibroblast growth media are supplied in three variants of unit assembly:

→ **Defined basal growth media without any growth factors, mitogens or proteins**
Therefore, to get a growth medium you have to add your own supplements or use our supplement kits. Using the basal medium, the adherent cells are able to survive over a period of one up to three days, but they starve during this time and do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need the complete growth medium for cell culture at any time, you should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium, you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Frozen supplements and cooled media may be stored for nine months, whereas ready-to-use growth medium should be used within 30 days from addition of supplements.

→ **Growth media with individual vials for each single supplement as kit version**
For more flexibility in your experiments, you should use our medium that will help you to add only the very supplement you really want to add to the basal growth medium.

Fibroblast growth medium, basal			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0401	Fibroblast growth medium, basal	Basal	→
200 0401-prf	Fibroblast growth medium, basal, phenol red free	Basal-prf	→

Fibroblast growth medium, complete			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 0401	Fibroblast growth medium	FCS	→
201 0401-prf	Fibroblast growth medium, phenol red free	FCS-prf	→

Supplementation with:

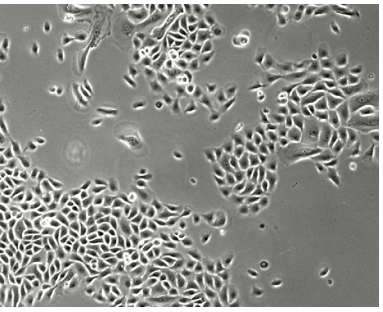
SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS or HuS	0.10 ml
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

Defined fibroblast maintenance medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
203 0401	Defined fibroblast maintenance medium	Serum-free	→
213 0401	Defined fibroblast maintenance medium	Serum-free kit	→

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
human rec. bFGF	1.00 ng
Insulin	5.00 µg
Gentamicin	50.00 µg
Amphotericin B	50.00 ng

keratinocyte growth media



HKER – Human keratinocytes

Provitro's keratinocyte media were developed to ensure optimal growth conditions for keratinocytes in a serum-free environment. Provitro's keratinocyte basal media are supplemented with BPE as an epithelial growth supplement, recombinant human EGF, insulin, adrenalin, calcium chloride and hydrocortisone.

Based on the expertise of provitro and some of our customers, our keratinocyte growth media are recommended for keratinocytes of the species listed below:

→ **Keratinocyte growth media, advanced, serum-free**
Human neonatal, juvenile and adult keratinocytes and keratinocytes derived from mouse, rat, horse, pig or cattle grow in our media.

Provitro's keratinocyte growth media are supplied in two variants of unit assembly:

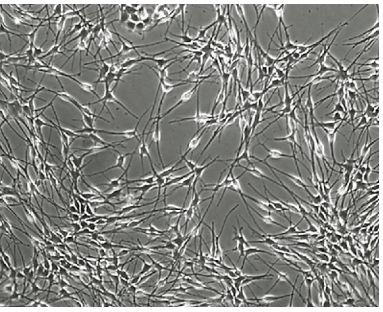
→ **Defined basal growth media without any growth factors, mitogens or proteins**
Therefore, to get a growth medium you have to add your own supplements or use our supplement kits. Using the basal medium, the adherent cells are able to survive over a period of one up to three days, but they starve during this time and do not proliferate.

→ **Growth media with one single premix of all supplements.**
If you want to store some media longer than 30 days but need the complete growth medium for cell culture at any time, you should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium, you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Frozen supplements and cooled media may be stored for nine months, whereas ready-to-use growth medium should be used within 30 days from addition of supplements.

Keratinocyte growth medium, basal			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0501	Keratinocyte growth medium, basal	Basal	→

Complete keratinocyte growth medium, advanced			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
203 0501	Keratinocyte growth medium	Serum-free	→
263 0501	Keratinocyte growth medium, GMP	Serum-free	

melanocyte growth media



HMEL – Human melanocyte

Provitro's melanocyte growth media were developed to provide melanocytes with optimal growth conditions in a serum-free environment. Provitro's melanocyte basal media are supplemented with BPE as an epithelial growth supplement, recombinant human EGF, insulin, adrenalin, calcium chloride and hydrocortisone.

Based on the expertise of provitro and some of our customers, our melanocyte growth media are recommended for melanocytes of the species listed below:

Melanocyte growth medium, serum-free

→ Human neonatal, juvenile and adult melanocytes and melanocytes derived from mouse, rat, horse, pig or cattle grow in our media.

Provitro's melanocyte growth media are supplied in three variants of unit assembly:

→ **Defined basal growth media without any growth factors, mitogens or proteins**
Therefore, to get a growth medium you have to add your own supplements or use our supplement kits. Using the basal medium, the adherent cells are able to survive over a period of one up to three days, but they starve during this time and do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need the complete growth medium for cell culture at any time you should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium, you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Frozen supplements and cooled media may be stored for nine months whereas ready-to-use growth medium should be used within 30 days from addition of supplements.

→ **Growth media with individual vials for each single supplement as kit version**
For more flexibility in your experiments, you should use our medium that will help you to add only the supplement you really want to add to the basal growth medium.

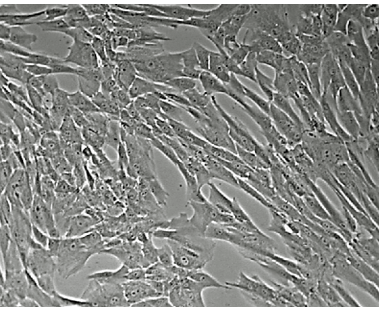
Melanocyte growth medium, basal			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0502	Melanocyte growth medium, basal	Basal	→

Melanocyte growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
203 0502	Melanocyte growth medium	Serum-free	→
213 0502	Melanocyte growth medium	Serum-free kit	→

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
BPE 26 mg Protein/2 ml	4.00 µl
human rec. bFGF	1.00 ng
Hydrocortisone	0.50 µg
Insulin	5.00 µg
PMA	10.00 ng
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

smooth muscle cell growth media



HUASMC – Human umbilical artery smooth muscle cells

Provitro's smooth muscle cell growth media were developed to provide smooth muscle cells with optimal growth conditions in a low serum environment. Provitro's smooth muscle cell basal medium is supplemented with FCS 5%, recombinant human EGF and bFGF, and insulin.

Based on the expertise of provitro and some of our customers, our smooth muscle cell growth media are recommended for smooth muscle cells of the species listed below:

Smooth muscle cell growth medium, low serum

→ Human pulmonary artery, human coronary artery, human aortic, urothelial, tracheal, and bronchial smooth muscle cells and smooth muscle cells derived from mouse, rat, pig or cattle.

Provitro's smooth muscle cell growth media are supplied in three variants of unit assembly:

→ **Defined basal growth media without any growth factors, mitogens or proteins**
Hence, to get a growth medium you have to add your own supplements or use our supplement kits. Using the basal medium, the adherent cells are able to survive over a period of one up to three days, but they starve during this time and do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need the complete growth medium for cell culture at any time you should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium, you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Frozen supplements and cooled media may be stored for nine months whereas ready-to-use growth medium should be used within 30 days from addition of supplements.

→ **Growth media with individual vials for each single supplement as kit version**
For more flexibility in your experiments, you should use our medium that will help you to add only the supplement you really want to add to the basal growth medium.

Smooth muscle cell growth medium, basal			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0601	Smooth muscle cell growth medium, basal	Basal	→

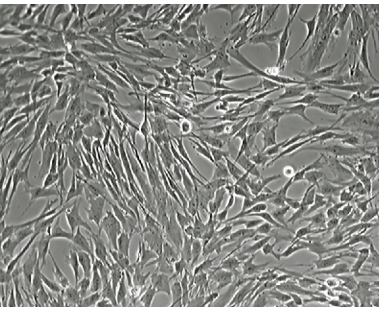
Smooth muscle cell growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 0601	Smooth muscle cell growth medium	FCS	→
211 0601	Smooth muscle cell growth medium	FCS kit	→
212 0601	Smooth muscle cell growth medium	Hus kit	→
262 0601	Smooth muscle cell growth medium, GMP	Hus kit	

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS	0.05 ml
human rec. bFGF	2.00 ng
human rec. EGF	0.50 ng
Insulin	5.00 µg
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

Smooth muscle cell growth medium, phenol red free			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0601-prf	Smooth muscle cell growth medium, basal, phenol red free	Basal-prf	→
201 0601-prf	Smooth muscle cell growth medium, phenol red free	FCS-prf	→
211 0601-prf	Smooth muscle cell growth medium, phenol red free	FCS kit-prf	→
212 0601-prf	Smooth muscle cell growth medium, phenol red free	Hus kit-prf	→

skeletal muscle cell growth and differentiation media



HTSMC – Human tracheal smooth muscle cells

Provitro's skeletal muscle cell growth media were developed to provide skeletal muscle cells with optimal growth conditions in a low serum environment. After confluence, following addition of differentiation medium, the proliferating satellite cells start to form syncytia. Provitro's skeletal muscle cell basal media are supplemented with FCS 5%, recombinant human EGF and bFGF, fetuin, dexamethasone and insulin for the growth medium and with insulin for the differentiation medium, respectively.

Based on the expertise of provitro and some of our customers, our skeletal muscle cell growth media are recommended for skeletal muscle cells of the species listed below:

Skeletal muscle growth medium, low serum

→ Human skeletal muscle cells.

Provitro's skeletal muscle cell growth media are supplied in three variants of unit assembly:

→ **Defined basal growth media without any growth factors, mitogens or proteins**
Hence, to get a growth medium you have to add your own supplements or use our supplement kits. Using the basal medium, the adherent cells are able to survive over a period of one up to three days, but they starve during this time and do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need the complete growth medium for cell culture at any time you should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium, you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Frozen supplements and cooled media may be stored for nine months whereas ready-to-use growth medium should be used within 30 days from addition of supplements.

→ **Growth media with individual vials for each single supplement as kit version**
For more flexibility in your experiments, you should use our medium that will help you to add only the supplement you really want to add to the basal growth medium.

Skeletal muscle cell growth medium, basal			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0602	Skeletal muscle cell growth medium, basal	Basal	→

Skeletal muscle cell growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
201 0602	Skeletal muscle cell growth medium	FCS	→
211 0602	Skeletal muscle cell growth medium	FCS kit	→
212 0602	Skeletal muscle cell growth medium	Hus kit	→

Supplementation with:

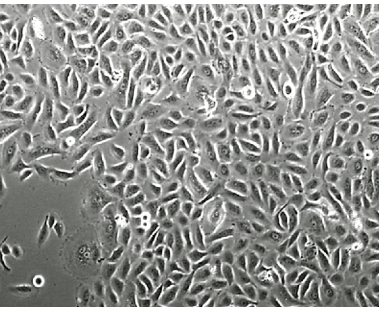
SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
FCS or HuS	0.05 ml
Fetuin	50.00 µg
human rec. EGF	10.00 ng
human rec. bFGF	1.00 ng
Insulin	10.00 µg
Dexamethasone	400.00 ng
Gentamicin	50.00 µg
Amphothericin B	50.00 ng

Skeletal muscle cell differentiation medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
203 0603	Skeletal muscle cell differentiation medium	Serum-free	→
213 0603	Skeletal muscle cell differentiation medium	Serum-free kit	→

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
Insulin	10.0 µg
Gentamicin	50.0 µg
Amphothericin B	50.0 ng

epithelial cell growth media



HUEPC – Human urothel epithelial cells

Provitro's epithelial cell growth media were developed to provide each subtype of epithelial cells with optimal growth conditions in a serum-free environment. Provitro has developed several variations of epithelial cell growth media to enable your use, under all circumstances, of the best subtype-specific formulation.

Based on the expertise of provitro and some of our customers, our epithelial cell growth media are recommended for epithelial cells of the species listed below:

Airway epithelial cell growth medium, serum-free

→ Human nasal, tracheal and bronchial epithelial cells and similar cells derived from rat and pig.

Urothelial cell growth medium, serum-free

→ Human urothelial cells and similar cells derived from cattle.

Mammary epithelial cell growth medium, serum-free

→ Human normal mammary gland cells, human tumour-derived cells and similar cells from mouse or rat.

Provitro's epithelial growth media are supplied in three variants of unit assembly:

→ **Defined basal growth media without any growth factors, mitogens or proteins**
Therefore, to get a growth medium you have to add your own supplements or use our supplement kits. Using the basal medium, the cells are able to survive over a period of one up to three days, but they starve during this time and do not proliferate.

→ **Growth media with one single premix of all supplements**
If you want to store some media longer than 30 days but need the complete growth medium for cell culture at any time you should choose the premix version. You get one tube with frozen mixed supplements attached to the bottle of basal growth medium. To obtain a ready-to-use growth medium, you have to thaw the premixed supplements and add the whole tube to the basal growth medium. Frozen supplements and cooled media may be stored for nine months, whereas ready-to-use growth medium should be used within 30 days from addition of supplements.

→ **Growth media with individual vials for each single supplement as kit version**
For more flexibility in your experiments, you should use our medium that will help you to add only the supplement you really want to add to the basal growth medium.

Airway epithelial cell growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0701	Airway epithelial cell growth medium, basal	Basal	→
203 0701	Airway epithelial cell growth medium	Serum-free	→

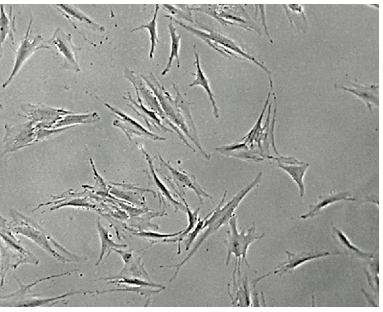
Urothelial cell growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0702	Urothelial cell growth medium, basal	Basal	→
203 0702	Urothelial cell growth medium	Serum-free	→

Mammary epithelial cell growth medium			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0703	Mammary epithelial cell growth medium, basal	Basal	→
203 0703	Mammary epithelial cell growth medium	Serum-free	→

Supplementation with:

SUBSTANCE	FINAL CONC./ML GROWTH MEDIUM
human rec. EGF	10.0 ng
Hydrocortisone	0.5 µg
Insulin	5.0 µg
BPE (13mg/ml)	4.0 µl
Gentamicin	50.0 µg
Amphothericin B	50.0 ng

mesenchymal stem cell media



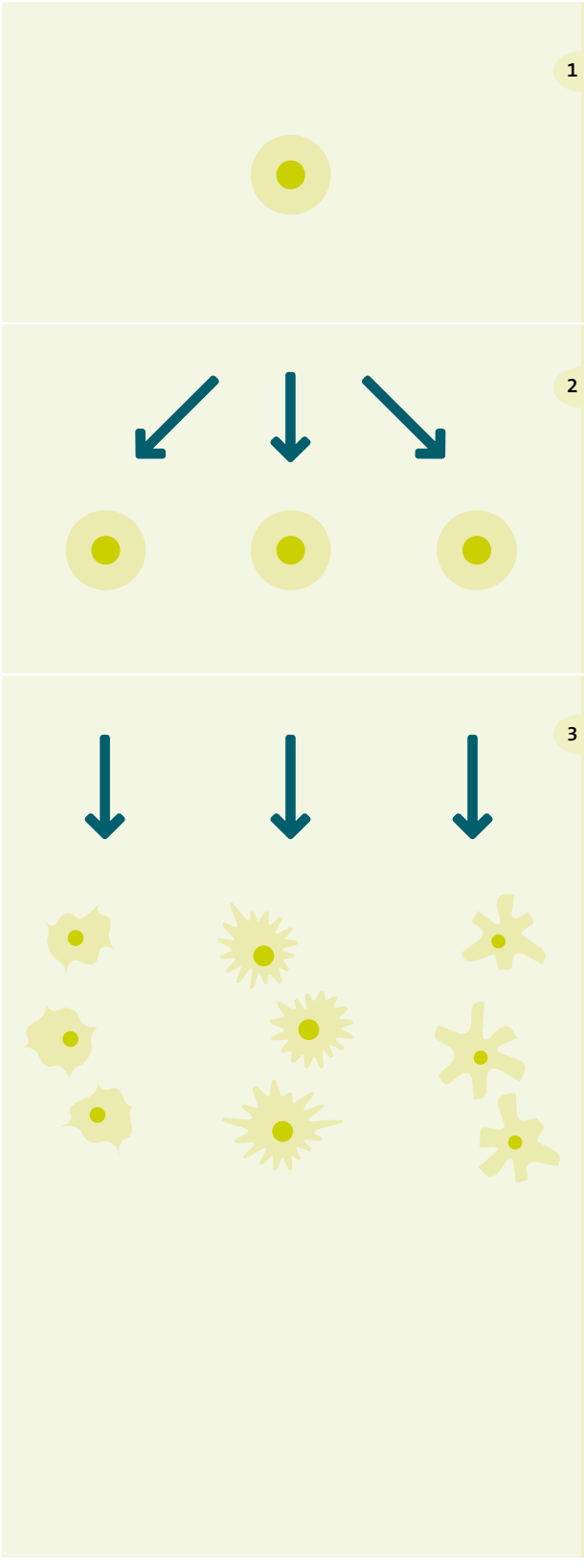
HOB – Human osteoblasts

Adult stem cells are undifferentiated cells found among specialised or differentiated cells in a tissue or organ after birth. They appear to possess a limited ability to produce different cell types and to self-renew, different from embryonic stem cells. Based on current research, adult stem cells may serve as a source for tissue repair, e.g. for regeneration of damaged heart tissue, or for repair of eroded cartilage in rheumatoid arthritis.

In addition to the already offered products for isolation and characterisation of stem cells, provitro extends its portfolio with new culture media for proliferation and differentiation of stem cells developed and optimised by our academic partners, the Tissue Engineering Laboratories at Charité Universitätsmedizin Berlin.

Mesenchymal stem cell media			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
200 0901	HMSC proliferation medium, basal	Basal	→
201 0901	HMSC proliferation medium	FCS	→
211 0901	HMSC proliferation medium	FCS kit	→
200 0902	HMSC chondrogenesis induction medium, basal	Basal	→
213 0902	HMSC chondrogenesis induction medium	Serum-free kit	→
200 0903	HMSC osteogenesis induction medium, basal	Basal	→
211 0903	HMSC osteogenesis induction medium	FCS kit	→
200 0904	HMSC adipogenesis induction medium, basal	Basal	→
211 0904	HMSC adipogenesis induction medium	FCS kit	→
200 1001	Cancer stem cell medium, basal	Basal	→
213 1001	Cancer stem cell medium (BIT-100)	Serum-free	→

application of provitro's stem cell media

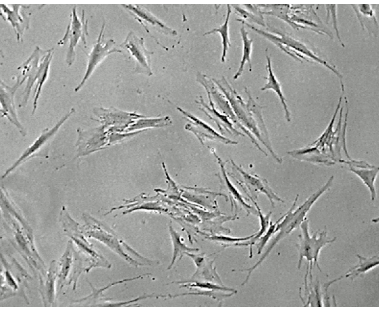


1 Isolation/Characterisation
Characterise and track stem cell populations
→ Positive markers (e.g. CD105)
→ Negative markers (MAC-1, CD14, CD19, CD34, CD45, HLA-DR)

2 Expansion
Culture stem cells in a stable state, free from mutations and to sufficient quantity
→ Growth factors and cytokines (e.g. BMP2, EGF, FGF-basic)
→ HMSC proliferation media

3 Differentiation
Control and activate stem cell differentiation to desired lineages
→ Growth factors and cytokines (e.g. insulin, TGF-beta1)
→ HMSC induction media

cell culture handling



HOB – Human osteoblasts

Passage kit

Serum contains trypsin inhibitors. Thus it is important to remove traces of serum using solution 1. The incubation time for the trypsin (solution 2 of passage kit 1 & 2) and the degree of force required to get the cells into single cell suspension varies between cell types. Solution 3 will inactivate the remaining trypsin and prevent cell damage. Since solution 3 (of passage kit 2) contains soybean trypsin inhibitor, it may be used for cultures in serum-free medium, too.

Passage kits 1 & 2 are recommended for the cell types listed below:

→ Endothelial cells, chondrocytes, osteoblasts, periost cells, fibroblasts, myocytes, Keratinocytes, melanocytes

Passage kit 3 contains dispase to detach cells highly sensitive to trypsin and is recommended for:

→ Epithelial cells

Cryo solution

Cryopreservation is a process of preserving cells by cooling to low sub-zero temperatures. At these low temperatures, any biological activity is effectively stopped. However, when cryo solutions are not used, the cells being preserved are often damaged due to freezing during the approach to low temperatures or warming to room temperature. Phenomena which can cause damage to cells during cryopreservation are solution effects, extracellular ice formation, dehydration and intracellular ice formation.

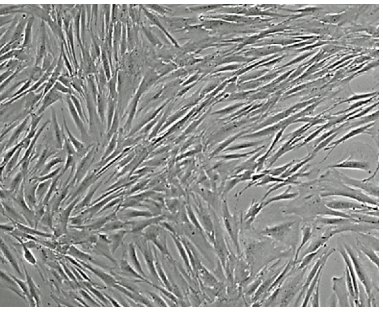
Supplement kits

Provitro's cell culture media are supplied in several variations of unit assembly system. Among those, we offer culture media with individual vials for each single supplement as kit version. If you need flexibility in your experiments, we are able to provide you with supplement kit that enables you only to add that supplement you really want to give into your basal culture medium.

Reagents of cell culture			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
204 0001	50 ml PBS + 25 ml Tryp./EDTA + 25 ml neutral.sol. (with FCS)	Passage kit 1	→
204 0002	50 ml PBS + 25 ml Tryp./EDTA + 25 ml neutral.sol. (serum-free)	Passage kit 2	→
204 0003	50 ml PBS + 25 ml Dispase II solution	Passage kit 3	→
204 0004	50 ml PBS + 25 ml detachment solution	Passage kit 4	→
204 0101	Cryo solution, 125 ml (serum-free)	Cryo-SFM	→
204 0102	Cryo solution, 30 ml (serum-free)	Cryo-SFM	→
204 3100	BIT-100 supplement		

Supplement kit for culture media			
OFFER NO.	PRODUCT	SPECIFICATION	PDF
215 0001	Supplement kit for endothelial cell proliferation medium	FCS-kit	→
216 0001	Supplement kit for endothelial cell proliferation medium	Hus kit	→
215 1101	Supplement kit for endothelial cell growth medium, advanced	FCS kit	→
216 1101	Supplement kit for endothelial cell growth medium, advanced	Hus kit	→
215 0102	Supplement kit for microvascular endothelial cell growth medium	FCS kit	→
216 0102	Supplement kit for microvascular endothelial cell growth medium	Hus kit	→
215 1102	Supplement kit for microvascular endothelial cell growth medium, advanced	FCS kit	→
216 1102	Supplement kit for microvascular endothelial cell growth medium, advanced	Hus kit	→
217 0401	Supplement kit for defined fibroblast maintenance medium	Serum-free kit	→
217 0502	Supplement kit for melanocyte growth medium	Serum-free kit	→
215 0601	Supplement kit for smooth muscle cell growth medium	FCS kit	→
216 0601	Supplement kit for smooth muscle cell growth medium	Hus kit	→
215 0602	Supplement kit for skeletal muscle cell growth medium	FCS kit	→
216 0602	Supplement kit for skeletal muscle cell growth medium	Hus kit	→
217 0603	Supplement kit for skeletal muscle cell differentiation medium	Serum-free kit	→

customised culture media



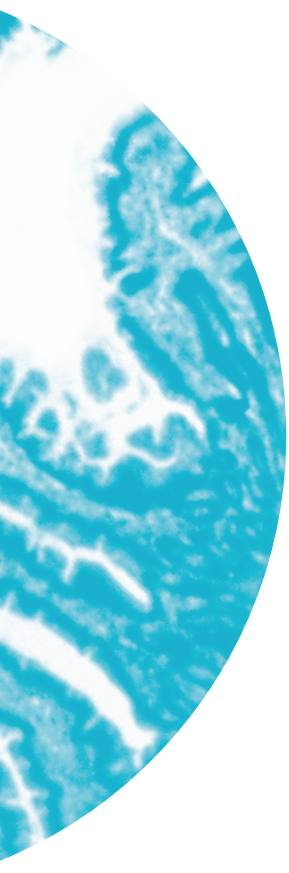
HFIB – Human fibroblasts

For more then ten years, provitro has been working for various scientists who need flexibility up to the composition of the basal medium. Therefore, we offer our customer service. You tell us the modifications needed, and we produce five or more units of your personal cell growth medium. Ask for detailed terms of conditions for this service.

Customised culture media services	
OFFER NO.	PRODUCT
902 0101	Customised manufacturing of culture media
902 0201	Media testing on primary cells
902 0202	Media testing on defined cell lines
905 0601	Final report including detailed protocol and representative photos

perfusion culture systems

Cultures based on cell monolayers have the advantage of reducing tissue complexity to a minimum. However, the lack of normal physiological cell-matrix interactions leads the cell metabolism and gene expression towards a dedifferentiated state. Compared to a monolayer, three-dimensional cultures are associated with a higher cell density, and nutrient supply depends on diffusion through the extracellular matrix. This requires more exacting culture conditions which can be achieved using automated medium replacement in a perfusion culture system, thereby guaranteeing a stable concentration of nutrients, stable pH, and reduced risk of contamination.



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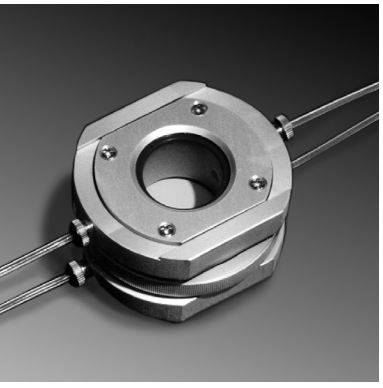
perfusion culture system PCS^{3c}



Both bottom and top of the leak-proofed perfusion chamber have integrated glass windows to allow not only a visual control of the culture, but also its microscopic observation. To disconnect the chamber temporarily from the system, a coupling that maintains sterility may be used. The universal lower chamber unit has an build-in air bubble trap avoiding malnutrition of parts of the culture. Designing two different upper chamber units, it guarantees a high variability of applicable cell and tissue supports (membranes, filters, well inserts, etc.). The system may be completed with a cooling plate that allows a bench-top storage of the media bag at low temperature.

Specific advantages

- → Ability to observe cultures microscopically inside the perfusion chamber
- → Variety of cell and tissue supports applicable (membranes, filters, well inserts)
- → Built-in air bubble trap that avoids poor nutrition or partial drying of the culture
- → Two-compartment chamber allows the application of a medium gradient, e.g. for drug testing
- → Leak-proof set-up of the perfusion chamber
- → Use of media bags for easy handling

Technical data

Filling volume of lower unit	1.5 ml
Filling volume of upper unit	6.5 ml
Height of assembled chamber	28.0 mm
Diameter of chamber	53.0 mm
Height of lower unit	10.0 mm
Height of upper unit	18.0 mm
Diameter of membrane	25.0 mm
Diameter of well insert	27.0 mm
Height of well insert	12.0 mm
Recommended flow rate	1 ÷ 10 ml/h

Perfusion chamber PCS^{3c}

OFFER NO.	PRODUCT	SPECIFICATION
301 0100	Perfusion chamber, lower universal unit	
301 0200	Perfusion chamber, upper membrane-housing unit	
301 0300	Perfusion chamber, upper well insert-housing unit	
301 0411	Membrane, Millicell, pack of 10	⌀ Pores 0.4 µm
301 0422	Well-insert, Millicell PTFE, pack of 5	⌀ Pores 0.4 µm, transparent
301 0501	O-ring-set	
301 0520	Chamber tubing (complete with Luer fitting and O-ring), pack of 4	
301 0503	Inspection windows, pack of 2	

For orders and further information: www.provitro.com, sales@provitro.com, +49.30.585 849 82

tube chamber system TCS^{2c}

The autoclavable tube chamber consists of a crystal-clear cylinder to enable a visual control of the incorporated graft or blood vessel closed on either ends with a piston allowing to install vessels of various lengths. The pistons are equipped with two sets of special adapters preventing both turbulence flow and areas of dead volume. Peripheral adapters link the outer circuit to the tube chamber which will supply the outer surface of the vessel with medium, whereas the second set of adapters connects the inner lumen of the vessel with the inner medium circuit. This chamber enables a transversal gas and substance exchange between the perfused graft lumen and the outer chamber volume which is simulating the interstitial tissue liquid.

Tube chamber

Specific advantages

- → Variability in length of blood vessel or graft material
- → Variety of adapters for vessels/grafts of different diameter
- → Design of adapters avoiding turbulences in the transitional zone
- → Independent perfusion of inner and outer circuit
- → Ability of visual control
- → Its unrestricted sterilisation by means of an autoclave

Technical data

Length of chamber	300 mm
Inner diameter of chamber	40 mm
Outer diameter of chamber	50 mm
Length of vessel/graft	5 ÷ 250 mm
Diameter of vessel/graft	2 ÷ 15 mm
Shear stress	0 ÷ 20 dyn/cm

Rolling unit

Specific advantages

- → Designed specifically for provitro's TCS^{2c}s
- → Ready-to-use in CO_2 incubators
- → Rotation velocity can be adjusted at 6 levels
- → Switching power supply included
- → Adjustable to various lengths of TCS^{2c}

Technical data

Length of unit	320 mm
Width of unit	92 mm
Height of unit	52 mm
Rotation velocity	0.12 ÷ 0.46 rpm

Tube chamber TCS^{2c}

OFFER NO.	PRODUCT	SPECIFICATION
302 0000	Tube chamber, complete with graft adapter	i.d. = 2 ... 8 mm
302 0101	Glass cylinder	l = 30 cm
302 0102	Glass cylinder	l = 20 cm
302 0103	Glass cylinder	l = 15 cm
302 0211	Piston with graft adapter, pack of 2	i.d. = 2 ... 8 mm
302 0301	Spanner, pack of 2	
302 0302	Positioning tool	
302 0411	Washer for graft fixation, pack of 2	i.d. = 2 ... 8 mm
302 0421	Cap nut for graft fixation, pack of 2	i.d. = 2 ... 8 mm
302 0501	O-ring, pack of 2	38 × 3 mm
302 0600	Rolling unit for TCS^{2c}	

flow chamber system FCS 1c

The bottom of the flow channel is formed by the corpus, the side wall – by the gasket, and its top – by the cover slip. The cover slip may be pre-coated with a cell monolayer in a multi-well plate, and will be fixated on the flow chamber by a clip-on spring jacket. This allows an easy exchange of the cultures to be investigated. Modifying the thickness of the gasket and/or the width of its gap, the channel geometry may be altered with the aim to use a whole range of well-defined shear stress. The flow chamber was designed to allow fluorescence microscopic observation of a peri-fused cell layer at high resolution.

Specific advantages

- → Ability to observe cultures fluorescence microscopically
- → Use of coverslips pre-coated with cell cultures
- → Easy assembling by means of a clip-on spring jacket
- → Generation of defined shear stresses in the flow channel
- → Possibility to position the monolayer at the bottom or on top of the media flow
- → Variety in flow channel geometry by modifying the gasket
- → Leak-proof set-up of the flow chamber

Technical data

Channel length	15 mm
Channel width	≥ 2 mm
Channel height	300 µm
Working distance	1 mm
Shear stress	0 ÷ 3 Pa

Flow-incluced changes in morphology

Randomly oriented endothelial cells in a static culture

Oriented and elongated endothelial cells under shear stress (72 h, 5 dyn/cm)

Flow chamber FCS1c

OFFER NO.	PRODUCT	SPECIFICATION
303 0000	Flow chamber, complete	
303 0100	Main corpus with tubing adapter	
303 0510	Clip-on spring, pack of 10	
303 0521	Cover slips, pack of 10, thermanox	⌀ 25 mm
303 0522	Cover slips, pack of 10, glass	⌀ 25 mm
303 0530	Chamber tubing, complete with Luer fitting, pack of 2	
303 0541	Silicon gasket, pack of 10	h = 0.3 mm
303 0543	Silicon gasket, pack of 10	h = 0.5 mm

perfusion circuit

Perfusion circuit PCS[3c]

In the case of different culture media flowing through the upper and lower chambers, a multi-channel pump is used to give similar flow rates in both circuits. Alternatively, the flow from a single outlet from the media reservoir may be split by using Y-connectors. For convenience, both circuits may be merged after leaving the chamber using a Y-connector.

Perfusion circuit TCS[2c]

Different flow rates in the inner and outer circuits can be generated using different diameters of tubing. Using sterile couplings mounted between the Luer-connectors, the media bag can be changed without interrupting the media flow.

Perfusion circuit FCS[1c]

In this open circuit, the culture medium passes through the flow chamber at a shear rate defined by the pump and is collected in another reservoir. The culture medium is pre-conditioned in a gas-permeable media bag by equilibrating in a CO_2 incubator. Using impermeable tubing, the partial gas pressure remains stable until the medium reaches the cell monolayer.

Circuit part list

OFFER NO.	PRODUCT	SPECIFICATION
300 0101	Silicone tubing, Luer fitting on each side	i.d = 1 mm; l = 1 m
300 0102	Silicone tubing, Luer fitting on each side	i.d = 3 mm; l = 1 m
300 0210	Luer tubing adapter, male and female, 5 each	i.d. = 1.6 mm
300 0220	Luer tubing adapter, male and female, 5 each	i.d. = 3.2 mm
300 0303	Gas-permeable media bag	V = 1000 ml
300 0400	Sterile Luer coupling, pack of 10	
300 0511	Pump ISMATEC IPC-4	0.002 ... 44 ml/min
300 0512	Pump ISMATEC IPC-N4	0.0004 ... 11 ml/min
300 0513	Pump ISMATEC IPC-8	0.002 ... 44 ml/min
300 0514	Pump ISMATEC IPC-N8	0.0004 ... 11 ml/min
300 0521	Pump tubing, with 2 stoppers, Luer fitting on each side	i.d. = 1 mm
300 0522	Pump tubing, with 2 stoppers, Luer fitting on each side	i.d. = 3 mm
300 0710	Y-connector, pack of 2	i.d. = 1.6 mm
300 0720	Y-connector, pack of 2	i.d. = 3.2 mm

perfusion culture services

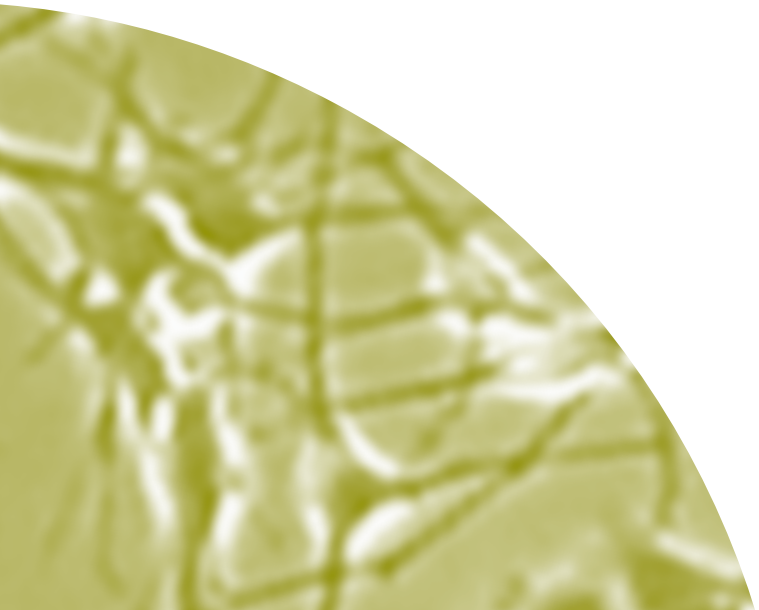
To optimise the specific settings of your perfusion culture system, provitro offers its perfusion chambers for rental. This gives the customer the opportunity to adjust the perfusion culture system to the specific experimental conditions. If it is required, we are pleased to customise the perfusion culture system according to the criteria defined by the customer.

Alternatively, provitro offers specialised training courses for techno-scientific staff and thus is prepared to transfer its proprietary experience with regard to perfusion culture systems. Provided is basic theoretical knowledge together with an opportunity to obtain practical skills in maintaining cell and tissue cultures in our perfusion culture systems, PCS^{3c}, TCS^{2c} and FCS^{1c}.

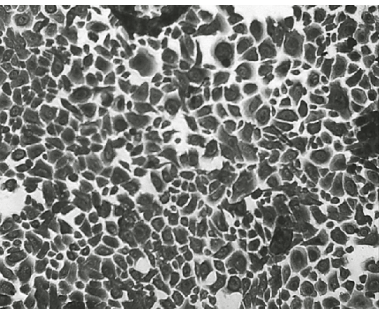
Rental and customisation of perfusion chambers		
OFFER NO.	PRODUCT	SPECIFICATION
903 0101	Chamber rental PCS^{3c}	14 days
903 0102	Chamber rental TCS^{2c}	14 days
903 0103	Chamber rental FCS^{1c}	14 days
903 0201	Customised chambers	
903 0901	Individual training course PCS^{3c}, first person	1 day
903 0911	Individual training course PCS^{3c}, accompanying person	1 day
903 0902	Individual training course TCS^{2c}, first person	1 day
903 0912	Individual training course TCS^{2c}, accompanying person	1 day
903 0903	Individual training course FCS^{1c}, first person	1 day
903 0913	Individual training course FCS^{1c}, accompanying person	1 day

cytokines, chemokines growth factors

Provitro provides one of the widest ranges of recombinant proteins produced in E. coli, insect cells and various mammalian cell types. To give you the most active proteins, we subcontracted qualified suppliers with many years of experience in producing bacterial and mammalian-derived recombinant proteins, and established an in-house quality control. Most of our proteins come without carrier proteins or other additives, because we respect the wishes of our customers who prefer preparations without such compounds. Some of the products need buffer, salts or protein as additives for stability over a long period of time. You should, therefore, carefully read our instructions for reconstitution for easier handling and use. Our cytokines, chemokines and growth factors, in general, are above 95 % in purity. They have been detected by SDS-Page analysis and exhibit very high activity levels approved by WHO-standardised cell test systems where applicable. We are sure to meet your needs and expectations if you decide to use one of our cytokines, chemokines or growth factor products.



cytokines, chemokines, growth factors



HNEC - Human nasal epithelial cells

Proteins				
OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1165 9500 05	4-1BB Ligand	Human	E. coli	5 µg
1167 9500 05	4-1BB Receptor	Human	E. coli	5 µg
A				
4576 9550 01	ACE2 (biotinylated, glycosylated, HEK, His-Avi-Tag)	Human	HEK	1 µg
4577 9550 50	ACE2 (glycosylated, HEK, Fc-Tag)	Human	HEK	50 µg
4575 9550 50	ACE2 (glycosylated, HEK, His-Tag)	Human	HEK	50 µg
1100 9500 02	Activin A	H/M/R	E. coli	2 µg
4008 9500 02	ADAM-10, His-Tag	Human	E. coli	2 µg
4009 9500 02	ADAM-12	Human	E. coli	2 µg
1105 9250 02	Adiponectin (Acrp30), Flag-Tag (glycosylated)	Porcine	HEK	2 µg
1105 9600 10	Adiponectin (Acrp30), Globular, liquid	Murine	E. coli	10 µg
1105 9500 10	Adiponectin (Acrp30), His-Tag	Human	E. coli	10 µg
1109 9600 05	Adiponectin (Acrp30), His-Tag, liquid	Murine	E. coli	5 µg
1106 9550 02	Adiponectin (Acrp30), Trimeric (glycosylated)	Human	HEK	2 µg
1109 9500 02	Adiponectin, Globular, His-Tag	Human	E. coli	2 µg
1110 9500 05	AITRL	Human	E. coli	5 µg
2835 9550 20	Albumin / HSA (recombinant glycosylated)	Human	HEK	20 µg
2834 9581 08	Albumin / HSA (recombinant plant)	Human	Oryza sativa (rice)	10 g
2835 9581 08	Albumin / HSA ultra pure (recombinant plant)	Human	Oryza sativa (rice)	10 g
2835 9191 08	Albumin serum / BSA	Bovine	Bovine Serum	10 g
2832 9591 08	Albumin serum / HSA	Human	Human Plasma	10 g
2835 9591 66	Albumin serum / HSA, liquid	Human	Human Serum	100 mg
2833 9591 08	Albumin serum / HSA, protease free	Human	Human Plasma	10 g
3000 9500 10	Amphiregulin	Human	E. coli	10 µg
1121 9590 05	ANG-1 (HeLa cells)	Human	HeLa	5 µg
1116 9540 05	ANG-2	Human	CHO	5 µg
1117 9500 02	Angiopoietin-like Protein 3, His-Tag	Human	E. coli	2 µg
1118 9500 02	Angiopoietin-like Protein 4, His-Tag	Human	E. coli	2 µg
4450 9500 20	Angiostatin Kringles 1-3	Human	E. coli	20 µg
4076 9590 02	Angiostatin Kringles 1-4	Human	Human Fluid	2 µg
4016 9550 02	ANGPTL4 (glycosylated, HEK)	Human	HEK	2 µg
4086 9500 05	Annexin 11	Human	E. coli	5 µg
4087 9500 05	Annexin 13	Human	E. coli	5 µg
4077 9500 02	Annexin A1	Human	E. coli	2 µg
4078 9500 01	Annexin A2 (natural)	Human	HAT	1 µg
4079 9500 05	Annexin A3	Human	E. coli	5 µg
4080 9500 02	Annexin A4	Human	E. coli	2 µg
4081 9500 05	Annexin A5	Human	E. coli	5 µg
4082 9500 02	Annexin A6	Human	E. coli	2 µg
4083 9500 05	Annexin A7	Human	E. coli	5 µg
4084 9500 05	Annexin A8	Human	E. coli	5 µg
1984 9191 56	Apo Transferrin (plasma)	Bovine	Natural	150 mg
1130 9500 20	APO-A1	Human	E. coli	20 µg
1130 9590 20	APO-A1 (natural)	Human	Human HDL	20 µg
1130 9600 05	APO-A1, His-Tag	Murine	E. coli	5 µg
1131 9501 00	APO-E2	Human	E. coli	100 µg
1133 9501 00	APO-E4	Human	E. coli	100 µg
1140 9550 02	Apolipoprotein-J (Apo-J)/ Clusterin (glycosylated, HEK), Flag-Tag	Human	HEK	2 µg

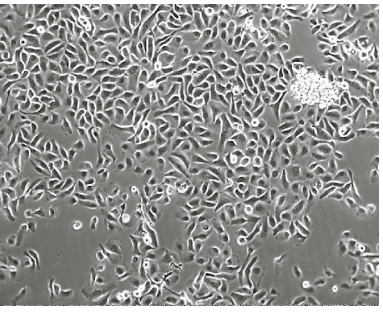
1 H/M/R – Human/Murine/Rat 2 HEK – Human embryonic kidney cell line 3 HAT – Human Adipose Tissue
4 CHO – Chinese hamster ovary cell line

Other package sizes on request – please contact us for further information: sales@provitro.com, +49.30.585 849 82

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1140 9700 02	Apolipoprotein-J (Apo-J)/ Clusterin, His-Tag	Rat	E. coli	2 µg
1135 9500 10	Apo-SAA	Human	E. coli	10 µg
1137 9000 02	Apo-SAA1	Rhesus	E. coli	2 µg
1145 9600 05	APRIL	Murine	E. coli	5 µg
1155 9191 66	Aprotinin/ Pancreatic Trypsin Inhibitor	Bovine	Bovine lung	100 mg
1150 9500 05	Artemin	Human	E. coli	5 µg
B				
1160 9500 05	BAFF (BLyS, CD257)	Human	E. coli	5 µg
1162 9500 10	BAFF Receptor	Human	E. coli	10 µg
1170 9600 05	BCA-1 / BLC / CXCL13	Murine	E. coli	5 µg
1170 9500 05	BCA-1 / CXCL13	Human	E. coli	5 µg
1175 9500 05	BCMA (TNFRSF17)	Human	E. coli	5 µg
1180 9600 05	BD-1	Murine	E. coli	5 µg
1181 9500 05	BD-1 (47aa)	Human	E. coli	5 µg
4600 9600 05	BD-14	Human	E. coli	5 µg
1181 9601 99	BD-2	Murine	E. coli	1 mg
1183 9500 05	BD-3	Human	E. coli	5 µg
1184 9500 05	BD-4	Human	E. coli	5 µg
4510 9500 05	BD-5	Human	E. coli	5 µg
1185 9500 02	BDNF	H/M/R	E. coli	2 µg
1185 9550 02	BDNF (glycosylated, HEK)	Human	HEK	2 µg
1190 9100 05	Betacellulin	Bovine	E. coli	5 µg
1193 9521 00	BMP receptor-1A, soluble, His-Tag (InCs)	Human	Insect cells	100 µg
1205 9500 10	BMP-13 / CDMP-2 / GDF-6	Human	E. coli	10 µg
1195 9500 05	BMP-2	Human	E. coli	5 µg
1195 9550 02	BMP-2 (glycosylated, HEK)	Human	HEK	2 µg
1194 9500 10	BMP-3	Human	E. coli	10 µg
1197 9540 02	BMP-4 (glycosylated, CHO)	Human	CHO	2 µg
1197 9550 02	BMP-4 (glycosylated, HEK)	Human	HEK	2 µg
1198 9500 05	BMP-5	Human	E. coli	5 µg
1200 9500 02	BMP-7 / OP-1	Human	E. coli	2 µg
1200 9540 02	BMP-7 / OP-1 (glycosylated, CHO)	Human	CHO	2 µg
1200 9550 02	BMP-7 / OP-1 (glycosylated, HEK)	Human	HEK	1 µg
4105 9520 02	BMPR 1A	Human	Insect cells	2 µg
4106 9540 02	BMPR 1A (glycosylated)	Human	CHO	50 µg
1220 9500 05	BRAK / CXCL14	Human	E. coli	5 µg
1215 9500 02	B-Type Natriuretic Protein (BNP)	Human	E. coli	2 µg
1215 9591 09	B-Type Natriuretic Protein (BNP, synthetic)	Human	Synthetic	10 mg
C				
4403 9540 50	C1 Inhibitor Serpin G1 (glycosylated)	Human	CHO	50 µg
4403 9550 10	C1 Inhibitor, Serpin G1, (glycosylated, HEK, His-Tag)	Human	HEK	10 µg
1225 9600 02	C-10 (CCL6)	Murine	E. coli	2 µg
4455 9591 09	C3c	Human	Human Plasma	10 mg
4460 9591 09	C4c	Human	Human Plasma	10 mg
1484 9500 05	C5a	Human	E. coli	5 µg
2980 9700 05	Carboxypeptidase-B	Rat	E. coli	5 mg
1230 9500 02	Cardiotrophin-1, CTF1	Human	E. coli	2 µg
1231 9500 02	Cardiotrophin-1, His-Tag	Human	E. coli	2 µg
4383 9500 05	CCBE1 Fragment, His-Tag	Human	E. coli	5 µg
1640 9500 05	CCL16 / LEC / NCC-4	Human	E. coli	5 µg

1 H/M/R – Human/Murine/Rat 2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

cytokines, chemokines, growth factors



HBEP – Human bronchial epithelial cells

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
4120 9500 20	CCM-2, His-Tag	Human	E. coli	20 µg
4121 9500 20	CCM-3, His-Tag	Human	E. coli	20 µg
1260 9520 05	CD105 / Endoglin, soluble (InCs) His-Tag	Human	Insect cells	5 µg
1239 9540 10	CD14, soluble (glycosylated)	Human	CHO	10 µg
1240 9520 01	CD22 soluble (glycosylated) His-Tag	Human	Insect cells	1 µg
1241 9500 05	CD23, soluble	Human	E. coli	5 µg
2065 9500 05	CD34 soluble His-Tag	Human	E. coli	5 µg
1237 9500 05	CD4 (125-202), His-Tag	Human	E. coli	5 µg
1238 9500 05	CD4 (203-317), His-Tag	Human	E. coli	5 µg
1251 9500 02	CD40 TNFRSF5, His-Tag	Human	E. coli	2 µg
1250 9500 10	CD40-Ligand soluble / TRAP	Human	E. coli	10 µg
3010 9500 05	CDNF	Human	E. coli	5 µg
1280 9500 05	CNTF / Ciliary Neurotrophic Factor	Human	E. coli	5 µg
4061 9531 09	Collagen III (mature)	Human	Yeast, Pichia pastoris	10 mg
4060 9500 02	Collagen Type IV alpha 3	Human	Insect cells	2 µg
4049 9500 02	C-SRC Tyrosine Kinase	Human	E. coli	2 µg
1295 9600 05	CTACK / CCL27	Murine	E. coli	5 µg
1295 9500 05	CTACK / CCL27 (liquid)	Human	E. coli	5 µg
1300 9500 05	CTGF (98aa)	Human	E. coli	5 µg
4062 9550 02	CTGF (glycosylated, HEK)	Human	HEK	2 µg
1301 9500 02	CTGF, His-Tag,	Human	E. coli	5 µg
1305 9500 05	CTGFL / WISP-2	Human	E. coli	5 µg
1310 9520 02	CTLA-4 (InCs) His-Tag	Human	Insect cells	2 µg
1315 9500 05	CXCL16	Human	E. coli	5 µg
1320 9500 05	CYR61	Human	E. coli	5 µg
4100 9500 05	Cystatin-A, His-Tag	Human	E. coli	5 µg
4102 9620 02	Cystatin-C (active)	Murine	Insect cells	2 µg
4103 9700 02	Cystatin-C, His-Tag	Rat	E. coli	2 µg
D				
4104 9520 02	DPP4	Human	Insect cells	2 µg
4104 9590 02	DPP4, nativ	Human	Human Placenta	0,002 µg
E				
4051 9500 02	E-Cadherin	Human	E. coli	2 µg
1325 9501 00	EGF	Human	E. coli	100 µg
1325 9531 00	EGF (Yeast)	Human	Yeast, Pichia pastoris	100 µg
4530 9501 00	EGF, cct-premium	Human	E. coli	100 µg
2100 9520 10	EGFR soluble (InCs)	Human	Insect cells	10 µg
2295 9520 01	EGFR, GST-Tag, liquid (InCs)	Human	Insect cells	1 µg
1326 9500 05	EG-VEGF / Prokineticin-1	Human	E. coli	5 µg
1330 9500 05	EMAP-II	Human	E. coli	5 µg
1337 9600 05	ENA-78 / CXCL5	Murine	E. coli	5 µg
1335 9500 05	ENA-78 / CXCL5 (5-78aa)	Human	E. coli	5 µg
1337 9500 05	ENA-78 / CXCL5 (8-78aa)	Human	E. coli	5 µg
1331 9500 20	Endostatin	Human	E. coli	20 µg
1340 9500 05	Eotaxin / CCL11	Human	E. coli	5 µg
1343 9500 05	Eotaxin-2 / CCL24	Human	E. coli	5 µg
1343 9700 05	Eotaxin-2/ CCL24	Rat	E. coli	5 µg
1344 9500 10	Eotaxin-3 / CCL26	Human	E. coli	10 µg
1348 9500 05	Epigen / EPG	Human	E. coli	5 µg
1352 9500 05	Epiregulin	Human	E. coli	5 µg
1346 9540 05	Erythropoietin, EPO-a (glycosylated, CHO)	Human	CHO	5 µg

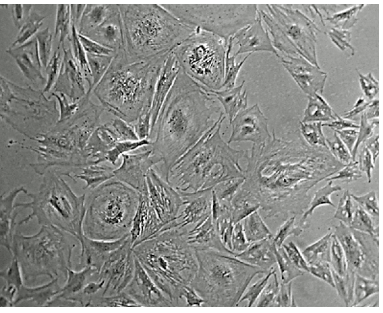
2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

Other package sizes on request – please contact us for further information: sales@provitro.com, +49.30.585 849 82

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
4107 9550 02	Erythropoietin, EPO-a (glycosylated, HEK)	Human	HEK	2 µg
1345 9540 02	Erythropoietin, EPO-a-Fc (glycosylated, CHO)	Human	CHO	2 µg
4063 9520 50	ESM-1 / Endocan His-Tag	Human	Insect cells	50 µg
2250 9500 20	Exendin-4	Human	E. coli	20 µg
1350 9500 05	Exodus-2 / CCL21	Human	E. coli	5 µg
F				
1355 9550 02	Fas Ligand, soluble (glycosylated, HEK)	Human	HEK	2 µg
1356 9500 05	Fas Receptor	Human	E. coli	5 µg
3060 9550 10	Fetuin-A/AHSG (glycosylated, HEK)	Human	HEK	10 µg
1379 9500 10	FGF-10 / KGF-2	Human	E. coli	10 µg
4673 9500 20	FGF-11, Isoform 1	Human	E. coli	20 µg
4674 9500 20	FGF-11, Isoform 2	Human	E. coli	20 µg
4670 9500 10	FGF-12, liquid, His-Tag	Human	E. coli	10 µg
1363 9500 05	FGF-13	Human	E. coli	5 µg
4671 9500 10	FGF-14, liquid, His-Tag	Human	E. coli	10 µg
1380 9500 05	FGF-16, liquid	Human	E. coli	5 µg
1381 9500 05	FGF-17	Human	E. coli	5 µg
1382 9500 05	FGF-18	Human	E. coli	5 µg
1383 9500 05	FGF-19	Human	E. coli	5 µg
1384 9500 03	FGF-20	Human	E. coli	3 µg
1388 9100 02	FGF-21	Bovine	E. coli	2 µg
1386 9500 02	FGF-22	Human	E. coli	2 µg
1394 9500 05	FGF-23	Human	E. coli	5 µg
1372 9500 10	FGF-4	Human	E. coli	10 µg
1372 9600 05	FGF-4 (His-Tag)	Murine	E. coli	5 µg
1373 9500 10	FGF-5	Human	E. coli	10 µg
1374 9500 05	FGF-6	Human	E. coli	5 µg
1376 9600 05	FGF-8 (246 aa)	Murine	E. coli	5 µg
1376 9550 02	FGF-8 (glycosylated, HEK)	Human	HEK	2 µg
1376 9500 05	FGF-8b	Human/Murine	E. coli	5 µg
1378 9500 05	FGF-9	Human	E. coli	5 µg
1360 9190 01	FGF-acidic / FGF-1	Bovine	Bovine Brain	1 µg
1370 9100 10	FGF-basic / FGF-2	Bovine	E. coli	10 µg
1370 9190 02	FGF-basic / FGF-2 (natural)	Bovine	Bovine Pituitary	2 µg
1370 9500 10	FGF-basic, cct-premium, FGF-2	Human	E. coli	10 µg
1369 9500 50	FGF-basic, FGF-2	Human	E. coli	50 µg
4404 9500 10	FGF-basic, FGF-2 (147aa)	Human	E. coli	10 µg
1369 9550 02	FGF-basic, FGF-2 (glycosylated, HEK)	Human	HEK	2 µg
1368 9500 10	FGF-basic-thermostable, FGF-2-thermostable	Human	E. coli	10 µg
1390 9520 10	FGFR-1 / Fc Chimera, soluble	Human	Insect cells	10 µg
1391 9520 10	FGFR-2 (IIIb) / Fc Chimera, soluble	Human	Insect cells	10 µg
1392 9520 10	FGFR-3 (IIIc) / Fc Chimera, soluble	Human	Insect cells	10 µg
1393 9520 10	FGFR-4 / Fc Chimera (InCs)	Human	Insect cells	10 µg
4065 9191 09	Fibronectin	Bovine	Bovine Plasma	10 mg
1395 9520 05	Flt-1 (native) sVEGFR-1 (InCs)	Human	Insect cells	5 µg
1396 9520 05	Flt-1 / VEGFR-1 soluble (D3) (InCs)	Human	Insect cells	5 µg
1397 9520 05	Flt-1 / VEGFR-1 soluble (D4) (InCs)	Human	Insect cells	5 µg
1398 9520 05	Flt-1 / VEGFR-1 soluble (D5) (InCs)	Human	Insect cells	5 µg
1399 9520 10	Flt-1/VEGFR-1 (D7)-FC Chimera, soluble	Human	Insect cells	10 µg
1400 9000 50	Flt3-Ligand	Rhesus	E. coli	2 µg
1400 9550 02	Flt3-Ligand (glycosylated, HEK)	Human	HEK	2 µg

2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

cytokines, chemokines, growth factors



HPC – Human periost cells

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1402 9520 05	Flt-4 / sVEGFR-3, soluble (InCs)	Human	Insect cells	5 µg
1403 9520 10	Flt-4/Fc Chimera, sVEGFR-3 (InCs)	Human	Insect cells	10 µg
1405 9500 05	Follistatin	Human	E. coli	5 µg
1410 9500 05	Fractalkine / CX3CL1	Human	E. coli	5 µg
2260 9550 02	FSH (glycosylated)	Human	HEK	2 µg
2265 9291 07	FSH (natural)	Porcine	Porcine Pituitaries	100 U
3067 9520 02	Furin, His-Tag	Human	E. coli	5 µg
G				
1415 9500 05	gAcrp30 / Adipolean (globular)	Human	E. coli	5 µg
1416 9500 05	gAcrp30 / Adipolean Variant	Human	E. coli	5 µg
1421 9500 10	Galectin-1, LGALs1	Human	E. coli	10 µg
1423 9500 10	Galectin-3	Human	E. coli	10 µg
1425 9100 50	GCP-2 / CXCL6	Bovine	E. coli	50 µg
1430 9000 02	G-CSF	Rhesus	E. coli	2 µg
1430 9550 02	G-CSF (glycosylated, HEK)	Human	HEK	2 µg
1439 9500 05	GDF-11, BMP-11	H/M/R	E. coli	5 µg
1437 9500 05	GDF-15 / MIC-1	Human	E. coli	5 µg
1437 9550 20	GDF-15 / MIC-1 (glycosylated, HEK)	Human	HEK	20 µg
1434 9540 02	GDF-2 (glycosylated)	Human	CHO	2 µg
1435 9500 05	GDF-3	Human	E. coli	5 µg
1206 9600 10	GDF-5 (BMP-14/CDMP-1)	Murine	E. coli	10 µg
1206 9500 10	GDF-5 / BMP-14 / CDMP-1	Human	E. coli	10 µg
1206 9601 00	GDF-5 / BMP-14/CDMP-1	Murine	E. coli	100 µg
3068 9500 02	GDF-7	Human	E. coli	2 µg
1440 9500 02	GDNF	Human	E. coli	2 µg
4480 9570 02	GLP-1 (1-37aa)	Human	synthetic	2 µg
4481 9571 66	GLP-1 (30aa)	Human	synthetic	100 mg
1441 9500 10	GLP-1 (7-37aa)	Human	E. coli	10 µg
4485 9571 66	GLP-2 (34aa)	Human	synthetic	100 mg
4317 9500 02	Glypican-4, GPC-4, (165aa, His-Tag)		E. coli	2 µg
1450 9000 02	GM-CSF	Rhesus	E. coli	2 µg
4535 9550 02	GM-CSF (glycosylated, HEK)	Human	HEK	2 µg
1450 9520 05	GM-CSF (glycosylated, His-Tag)	Human	Insect cells	5 µg
1450 9500 25	GM-CSF, cct-premium	Human	E. coli	25 µg
1450 9510 10	GM-CSF, cct-premium (HSA)	Human	E. coli	10 µg
1451 9500 02	GMF-beta	Human	E. coli	2 µg
1452 9500 05	Granzyme B	Human	E. coli	5 µg
1452 9620 02	Granzyme B (InCs)	Murine	Insect cells	2 µg
4412 9500 50	Gremlin-1	Human	E. coli	50 µg
1455 9501 99	GRO-alpha / CXCL1	Human	E. coli	1 mg
1455 9700 05	GRO-alpha / KC / CXCL1	Rat	E. coli	5 µg
1455 9500 05	GRO-alpha/CXCL1	Human	E. coli	5 µg
1460 9500 02	GRO-beta / CXCL2	Human	E. coli	2 µg
1460 9600 05	GRO-beta / MIP-2a / CXCL2	Murine	E. coli	5 µg
1462 9500 02	GRO-gamma / CXCL3	Human	E. coli	2 µg
1442 9000 05	Growth Hormone	Denis	E. coli	5 µg
1445 9550 02	Growth Hormone (glycosylated, HEK)	Human	HEK	2 µg
1445 9900 20	Growth Hormone (Somatotropin)	Ovine	E. coli	20 µg
1444 9400 20	Growth Hormone Antagonist	Chicken	E. coli	20 µg
1449 9500 05	Growth Hormone Binding Protein	Human	E. coli	5 µg
1446 9500 10	Growth Hormone Pituitary 20 kDa	Human	E. coli	10 µg

1 H/M/R – Human/Murine/Rat 2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

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OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1447 9500 10	Growth Hormone Placental 20 kDa	Human	E. coli	10 µg
1448 9500 10	Growth Hormone Placental 22 kDa	Human	E. coli	10 µg
H				
1465 9500 10	HB-EGF	Human	E. coli	10 µg
1459 9500 02	HCC-1 / CCL14 (66aa)	Human	E. coli	2 µg
1466 9500 02	HCC-1 / CCL14 (72aa)	Human	E. coli	2 µg
4490 9500 05	Heregulin alpha / Neuregulin-1	Human	E. coli	5 µg
1467 9500 10	Heregulin beta-1 / Neuregulin-1	Human	E. coli	10 µg
4495 9500 10	Heregulin beta-2 / Neuregulin-1	Human	E. coli	10 µg
1468 9620 05	HGF	Murine	Insect cells	5 µg
1468 9550 02	HGF (glycosylated, HEK)	Human	HEK	2 µg
2790 9520 05	HGF (glycosylated, InCs)	Human	Insect cells	5 µg
1468 9290 02	HGF promoting	Porcine	Pig Liver	2 µg
2791 9520 25	HGF, cct-premium (glycosylated, InCs)	Human	Insect cells	25 µg
4021 9500 10	HIF1A	Human	E. coli	10 µg
4023 9500 10	HIF1AN	Human	E. coli	10 µg
4109 9500 10	HMOX1 / HSP32	Human	E. coli	10 µg
4110 9500 05	HMOX2	Human	E. coli	5 µg
1983 9191 77	Holo Transferrin (plasma)	Bovine	Natural	150 mg
4027 9500 10	HSP27	Human	E. coli	10 µg
I				
2233 9500 05	IFN Reg. Factor-1, liquid	Human	E. coli	5 µg
2234 9500 05	IFN Reg. Factor-2, liquid	Human	E. coli	5 µg
2235 9500 05	IFN Reg. Factor-3, liquid	Human	E. coli	5 µg
2227 9500 20	IFN-alpha 1a	Human	E. coli	20 µg
1470 9500 20	IFN-alpha 1b	Human	E. coli	20 µg
1471 9500 20	IFN-alpha 2a	Human	E. coli	20 µg
1473 9530 10	IFN-alpha 2b (Yeast)	Human	Yeast	10 µg
1474 9540 05	IFN-beta 1a (glycosylated)	Human	CHO	5 µg
1475 9500 02	IFN-beta 1b	Human	E. coli	2 µg
1476 9000 10	IFN-gamma	Rhesus	E. coli	10 µg
1478 9500 05	IFN-lambda-1 / IL-29	Human	E. coli	5 µg
1479 9500 05	IFN-lambda-2 / IL-28A	Human	E. coli	5 µg
1477 9900 02	IFN-tau	Ovine	E. coli	2 µg
1482 9500 20	IGF Des (1-3)	Human	E. coli	20 µg
1485 9580 05	IGF-BP1, glycosylated, NSO	Human	NS0	5 µg
1487 9500 05	IGF-BP3	Human	E. coli	5 µg
1488 9550 05	IGF-BP4 (glycosylated, HEK)	Human	HEK	5 µg
1488 9520 05	IGF-BP4 (glycosylated, InCs)	Human	Insect cells	2 µg
1489 9500 05	IGF-BP5	Human	E. coli	5 µg
1490 9500 05	IGF-BP6	Human	E. coli	5 µg
1491 9500 05	IGF-BP7	Human	E. coli	5 µg
1480 9501 00	IGF-I	Human	E. coli	100 µg
1483 9501 99	IGF-I LR3	Human	E. coli	1 mg
1481 9500 10	IGF-II	Human	E. coli	10 µg
1495 9200 02	IL-1 alpha	Porcine	E. coli	2 µg
1500 9200 02	IL-1 beta	Porcine	E. coli	2 µg
1500 9510 10	IL-1 beta, cct-premium (HSA)	Human	E. coli	10 µg
1501 9500 20	IL-1 receptor Antagonist	Human	E. coli	20 µg
1541 9500 02	IL-10	Human	E. coli	2 µg
1541 9550 02	IL-10 (glycosylated, HEK)	Human	HEK	2 µg

2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

cytokines, chemokines, growth factors

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1542 9500 02	IL-11	Human	E. coli	2 µg
1545 9620 02	IL-12 p70 (glycosylated, HEK)	Murine	HEK	2 µg
1545 9550 02	IL-12 p70, (glycosylated, HEK)	Human	HEK	2 µg
1550 9510 02	IL-13	Human	E. coli	2 µg
1550 9700 02	IL-13 (109aa)	Rat	E. coli	2 µg
1557 9700 02	IL-13 (113aa)	Rat	E. coli	2 µg
1551 9500 02	IL-13 variant (increased activity)	Human	E. coli	2 µg
1555 9500 02	IL-15	Human	E. coli	2 µg
1555 9550 02	IL-15 (glycosylated, HEK)	Human	HEK	2 µg
1561 9000 02	IL-16	Rhesus	E. coli	2 µg
1560 9500 02	IL-16 (121aa)	Human	E. coli	2 µg
1561 9500 02	IL-16 (130aa)	Human	E. coli	2 µg
1564 9500 02	IL-17A / F (heterodimer)	Human	E. coli	2 µg
1565 9700 05	IL-17A / IL-17	Rat	E. coli	5 µg
1565 9500 05	IL-17A / IL-17 (2x132aa)	Human	E. coli	5 µg
1565 9600 05	IL-17A / IL-17 (2x134aa)	Murine	E. coli	5 µg
1566 9500 05	IL-17B	Human	E. coli	5 µg
1568 9500 05	IL-17D	Human	E. coli	5 µg
1569 9500 05	IL-17E / IL-25	Human	E. coli	5 µg
1569 9600 05	IL-17E /IL-25	Murine	E. coli	5 µg
1570 9500 05	IL-17F	Human	E. coli	5 µg
1576 9500 05	IL-18	Human	E. coli	5 µg
1580 9500 02	IL-19	Human	E. coli	2 µg
1505 9200 02	IL-2	Porcine	E. coli	2 µg
1505 9550 02	IL-2 (glycosylated, HEK)	Human	HEK	2 µg
1503 9500 10	IL-2 cct-premium	Human	E. coli	10 µg
1503 9510 10	IL-2 cct-premium (HSA)	Human	E. coli	10 µg
1507 9520 05	IL-2 Receptor, soluble (InCs)	Human	Insect cells	5 µg
1582 9500 02	IL-20	Human	E. coli	2 µg
1584 9500 02	IL-21	Human	E. coli	2 µg
1586 9500 02	IL-22	Human	E. coli	2 µg
1585 9500 02	IL-22 Antagonist / E117A	Human	E. coli	2 µg
1587 9550 02	IL-23 (glycosylated, HEK)	Human	HEK	2 µg
1588 9530 02	IL-24, glycosylated, Yeast	Human	Yeast	2 µg
1590 9500 10	IL-25 / SF20	Human	E. coli	10 µg
4440 9600 02	IL-27	Murine	E. coli	2 µg
4440 9550 01	IL-27 (glycosylated, HEK)	Human	HEK	1 µg
1510 9000 02	IL-3	Rhesus	E. coli	2 µg
1509 9550 02	IL-3 (glycosylated, HEK)	Human	HEK	2 µg
1510 9700 05	IL-3 , IL-3 beta	Rat	E. coli	5 µg
1509 9500 10	IL-3, cct-premium	Human	E. coli	10 µg
1509 9510 10	IL-3, cct-premium (HSA)	Human	E. coli	10 µg
1595 9500 02	IL-31	Human	E. coli	2 µg
1598 9500 02	IL-33	Human	E. coli	2 µg
1599 9500 02	IL-34	Human	E. coli	2 µg
1599 9550 02	IL-34 (glycosylated, HEK)	Human	HEK	2 µg
1594 9550 02	IL-35 (glycosylated, HEK)	Human	HEK	2 µg
1515 9000 02	IL-4	Rhesus	E. coli	2 µg
1515 9550 02	IL-4 (glycosylated, HEK)	Human	HEK	2 µg
1516 9510 08	IL-4 cc	Human	E. coli	8 µg
1517 9550 03	IL-4 Receptor alpha, soluble (glycosylated, HEK)	Human	HEK	3 µg

2 HEK – Human embryonic kidney cell line

Other package sizes on request – please contact us for further information: sales@provitro.com, +49.30.585 849 82

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1515 9500 05	IL-4, cct-premium	Human	E. coli	5 µg
1515 9510 05	IL-4, cct-premium (HSA)	Human	E. coli	5 µg
1520 9000 02	IL-5	Rhesus	E. coli	2 µg
1524 9500 05	IL-6	Human	E. coli	5 µg
1525 9550 02	IL-6 (glycosylated, HEK)	Human	HEK	2 µg
1526 9510 10	IL-6 cc	Human	E. coli	10 µg
1525 9500 05	IL-6 cct-premium	Human	E. coli	5 µg
1525 9510 25	IL-6 cct-premium (HSA)	Human	E. coli	25 µg
1527 9550 05	IL-6 Receptor alpha, soluble, glycosylated, HEK	Human	HEK	5 µg
1530 9500 02	IL-7	Human	E. coli	2 µg
1530 9550 02	IL-7 (glycosylated, HEK)	Human	HEK	2 µg
1535 9200 05	IL-8 (72aa) / CXCL8	Porcine	E. coli	5 µg
1536 9500 05	IL-8 (77aa) / CXCL8	Human	E. coli	5 µg
1540 9500 02	IL-9	Human	E. coli	2 µg
4515 9000 05	Indian Hedgehog	Human	E. coli	5 µg
1493 9291 88	Insulin, natural; pancreas	Porcine	Porcine Pancreas	1 g
1493 9501 88	Insulin, recombinant	Human	E. coli	1 g
1600 9000 05	IP-10 / CXCL10	Rhesus	E. coli	5 µg
4505 9530 02	Irisin	H/M/R	Yeast	2 µg
1605 9500 05	I-TAC / CXCL11	Human	E. coli	5 µg
4029 9500 01	JNK2/SAPK1	Human	E. coli	1 µg
K				
4091 9550 05	Kallikrein 11	Human	E. coli	5 µg
4090 9550 02	Kallikrein 7	Human	E. coli	5 µg
4088 9530 20	Kallikrein-1	Human	Yeast, Pichia pastoris	20 µg
1455 9600 05	KC / CXCL1	Murine	E. coli	5 µg
1620 9520 05	KDR (D7) / VEGFR-2 soluble (InCs)	Human	Insect cells	5 µg
1621 9520 10	KDR-Fc Chimera / VEGFR-2 soluble (InCs)	Human	Insect cells	10 µg
1375 9500 02	KGF / FGF-7	Human	E. coli	2 µg
1375 9550 02	KGF / FGF-7 (glycosylated, HEK)	Human	HEK	2 µg
1628 9540 05	Klotho (glycosylated)	Human	CHO	5 µg
L				
1630 9500 05	LAG-1 / CCL4L1	Human	E. coli	5 µg
1635 9500 05	LD78-beta / CCL3L1	Human	E. coli	5 µg
1650 9000 20	Leptin	Equine	E. coli	20 µg
1650 9571 99	Leptin (synthetic)	Human	synthetic	1 mg
1647 9500 05	Leptin Binding Domain	Human	E. coli	5 µg
1647 9400 05	Leptin Binding Domain / Receptor	Chicken	E. coli	5 µg
1648 9500 10	Leptin Quadruple Antagonist	Human	E. coli	10 µg
1649 9500 10	Leptin Triple Antagonist	Human	E. coli	10 µg
1646 9600 05	Leptin Triple Antagonist PEG	Murine	E. coli	5 µg
2285 9540 20	LFA-3, glycosylated, CHO	Human	CHO	20 µg
2270 9571 09	LHRH	Human	synthetic	10 mg
2805 9500 10	LIF	Human	E. coli	10 µg
4073 9500 02	Lipocalin-2	Human	E. coli	2 µg
2135 9520 20	LYVE-1 soluble (glycosylated, his-tag)	Human	Insect cells	20 µg
M				
4072 9591 09	Macroglobulin alpha 2	Human	Human Plasma	10 mg
3065 9500 05	MANF	Human	E. coli	5 µg
1672 9500 05	Maspin / Serpin B5	Human	E. coli	5 µg
1610 9700 02	MCP-1 / CCL2 / MCAF	Rat	E. coli	2 µg

1 H/M/R – Human/Murine/Rat 2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

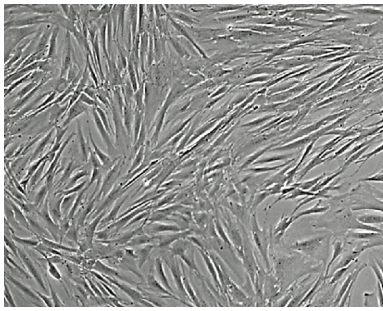
cytokines, chemokines and growth factors

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1610 9600 02	MCP-1 / JE / CCL2	Murine	E. coli	2 µg
1610 9500 05	MCP-1 / MCAF / CCL2	Human	E. coli	5 µg
1675 9500 02	M-CSF	Human	E. coli	2 µg
1675 9550 02	M-CSF (glycosylated, HEK)	Human	HEK	2 µg
4540 9500 05	MDG-1	Human	E. coli	5 µg
2021 V200 50	Membrane and Envelope Protein (His-Tag)	SARS-CoV-2	E. coli	50 µg
4126 9520 10	MesP1 (glycosylated)	Human	Insect cells	10 µg
4074 9000 05	Methionin Aminopeptidase	E. coli	E. coli	5 µg
4071 9590 20	Microglobulin alpha 1	Human	Human urine	20 µg
1698 9500 05	Midkine	Human	E. coli	5 µg
1701 9500 10	MIF	Human	E. coli	10 µg
1705 9500 05	MIG / CXCL9	Human	E. coli	5 µg
4610 9500 05	MIP-1 alpha / CCL3	Human	E. coli	5 µg
4615 9500 02	MIP-1 beta / CCL4	Human	E. coli	2 µg
4620 9500 05	MIP-1 gamma	Murine	E. coli	5 µg
1460 9000 10	MIP-2	Viral	E. coli	10 µg
4625 9500 05	MIP-3 / CCL23	Human	E. coli	5 µg
4630 9500 05	MIP-3 alpha / CCL20	Human	E. coli	5 µg
4635 9500 05	MIP-3 beta / CCL19	Human	E. coli	5 µg
4640 9500 02	MIP-4 /CCL18	Human	E. coli	2 µg
4650 9500 05	MIP-5 /CCL15	Human	E. coli	5 µg
4651 9500 05	MIP-5 /CCL15 (truncated, increased activity, 68aa)	Human	E. coli	5 µg
4032 9520 01	Mitogen Activated Kinase (MEK1)	Human	Insect cells	1 µg
2145 9550 02	MMP-3 (glycosylated, HEK)	Human	HEK	2 µg
2150 9500 02	MMP-9, His-Tag, liquid	Human	E. coli	2 µg
1725 9500 02	Myostatin / GDF-8	H/M/R	E. coli	2 µg
1725 9550 02	Myostatin / GDF-8 (glycosylated, HEK)	H/M/R	HEK	2 µg
1726 9500 05	Myostatin Propeptide	Human	E. coli	5 µg
1726 9550 02	Myostatin Propeptide (glycosylated, HEK)	Human	HEK	2 µg
N				
1964 9500 02	Neuregulin-4	Human	E. coli	2 µg
1765 9500 05	Neuritin-1 / NRN1	Human	E. coli	5 µg
1737 9500 02	Neuroglobin	Human	E. coli	2 µg
1770 9520 05	Neuropilin-1 /NRP1 (glycosylated, InCs)	Human	Insect cells	5 µg
4655 9600 50	Neuropoietin/Cardiotophin-2	Murine	E. coli	50 µg
1772 9500 05	Neurturin	Human	E. coli	5 µg
1746 9500 02	NGF precursor	Human	E. coli	2 µg
1745 9500 20	NGF-beta	Human	E. coli	20 µg
1745 9540 05	NGF-beta (glycosylated, CHO)	Human	CHO	5 µg
1745 9550 05	NGF-beta (glycosylated, HEK)	Human	HEK	5 µg
1745 9690 05	NGF-beta (natural; gland)	Murine	Mouse gland	5 µg
1775 9500 02	NNT-1 / BCSF-3	Human	E. coli	2 µg
1750 9500 05	Noggin	Human	E. coli	5 µg
1750 9550 05	Noggin (glycosylated, HEK)	Human	HEK	5 µg
1750 9520 02	Noggin (glycosylated, InCs)	Human	Insect cells	2 µg
1755 9600 05	NOV	Murine	E. coli	5 µg
1755 9500 05	NOV / IGFBP-9	Human	E. coli	5 µg
1755 9550 02	NOV / IGFBP-9 (glycosylated, HEK)	Human	HEK	2 µg
1760 9500 05	NP-1	Human	E. coli	5 µg
1780 9500 02	NT-3 / Neurotrophin-3	Human	E. coli	2 µg
1781 9500 02	NT-4 / Neurotrophin-4	Human	E. coli	2 µg

1 H/M/R – Human/Murine/Rat 2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

Other package sizes on request – please contact us for further information: sales@provitro.com, +49.30.585 849 82

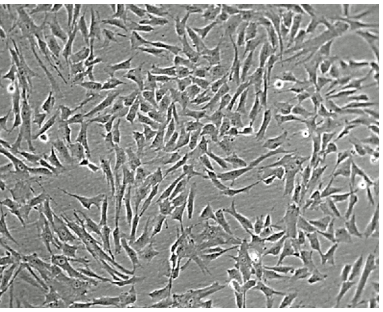
OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
2007 V200 50	Nucleocapsid (nCoV-S2 nucleocapsid, His-Tag)	SARS-CoV-5	E. coli	50 µg
2014 V201 00	Nucleocapsid protein (nCoV-S2 nucleocapsid Protein, NP)	SARS-CoV-8	E. coli	100 µg
O				
1783 9500 02	Omentin	Human	E. coli	2 µg
1796 9600 02	Oncostatin M (181aa)	Murine	E. coli	2 µg
1784 9500 02	Oncostatin M (195aa)	Human	E. coli	2 µg
1785 9500 02	Oncostatin M (209aa)	Human	E. coli	2 µg
1786 9500 02	Oncostatin M (227aa)	Human	E. coli	2 µg
2340 9550 10	Osteopontin (glycosylated, HEK)	Human	HEK	10 µg
1795 9500 10	Osteoprotegerin / OPG	Human	E. coli	10 µg
1794 9550 02	Osteoprotegerin / OPG (glycosylated, HEK)	Human	HEK	2 µg
1794 9500 10	Osteoprotegerin / OPG, His-Tag	Human	E. coli	10 µg
1790 9500 05	OTOR / Otoraplin / MIAL	Human	E. coli	5 µg
4555 9520 02	OX40 Ligand Receptor /TNFRSF4 (glycosylated)	Human	Insect cells	2 µg
1793 9520 02	OX40 Ligand soluble (gylcosylated)	Human	Insect cells	2 µg
P				
1788 9500 05	p16-INK4a	Human	E. coli	5 µg
4560 9500 05	p16-INK4a, TAT	Human	E. coli	5 µg
4033 9500 01	p38a/SAPK2	Human	E. coli	1 µg
4025 9500 02	p59-Fyn	Human	E. coli	2 µg
4075 9500 05	PA2G4	Human	E. coli	5 µg
1799 9550 05	PAF-AH (glycosylated, HEK)	Human	HEK	5 µg
1797 9500 02	PAI-1 / Serpin E1	Human	E. coli	5 µg
1798 9500 02	PAI-2 / Serpin B2	Human	E. coli	2 µg
1807 9500 05	PDGF-A	Human	E. coli	5 µg
1800 9500 05	PDGF-AA	Human	E. coli	5 µg
1801 9500 05	PDGF-AB	Human	E. coli	5 µg
1802 9500 05	PDGF-BB	Human	E. coli	5 µg
1802 9530 50	PDGF-BBy (Yeast)	Human	Yeast	50 µg
1806 9500 05	PDGF-CC	Human	E. coli	5 µg
4034 9500 05	PDK-1	Human	E. coli	10 µg
4112 9500 05	PEDF	Human	E. coli	5 µg
4112 9550 02	PEDF (glycosylated, HEK)	Human	HEK	2 µg
1804 9500 02	Periostin, His-Tag, FP	Human	E. coli	2 µg
1805 9500 05	Persephin	Human	E. coli	5 µg
4092 9500 05	Phosphoglycerate Kinase 1	Human	E. coli	5 µg
1814 9000 50	Placental Lactogen (PL)	Caprine	E. coli	50 µg
1820 9500 05	Pleiotrophin / PTN	Human	E. coli	5 µg
4000 9620 02	PlGF	Murine	Insect cells	2 µg
1815 9520 05	PlGF-1 (glycosylated)	Human	Insect cells	5 µg
1816 9520 05	PlGF-1, his-tag (InCs)	Human	Insect cells	5 µg
1817 9540 05	PlGF-2 (glycosylated, CHO)	Human	CHO	5 µg
4059 9500 05	Podoplanin soluble, his-tag	Human	E. coli	5 µg
4545 9500 20	PRAME	Human	E. coli	20 µg
1840 9500 02	Progranulin /PRGN (glycosylated, HEK)	Human	HEK	2 µg
1830 9000 10	Prolactin	Rabbit	E. coli	10 µg
1832 9900 10	Prolactin Antagonist	Ovine	E. coli	10 µg
1831 9000 05	Prolactin Receptor	Rabbit	E. coli	5 µg
1833 9500 05	Prolactin, His-Tag	Human	E. coli	5 µg



HFIB-G – Human fibroblasts, gingiva

2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

cytokines, chemokines, growth factors



HAOSMC – Human aortic smooth muscle cells

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
4035 9520 02	Protein Kinase C alpha (PKC-a)	Human	Insect cells	2 µg
4043 9500 01	PTEN His-tag	Human	E. coli	1 µg
R				
1855 9500 02	RANK Ligand soluble	Human	E. coli	2 µg
1856 9500 20	RANK Receptor soluble	Human	E. coli	20 µg
1860 9000 05	RANTES / CCL5	Rhesus	E. coli	5 µg
1996 9500 05	Relaxin-2	Human	E. coli	5 µg
1997 9500 05	Relaxin-2, His-Tag, liquid	Human	E. coli	5 µg
1995 9500 05	Relaxin-3 / Insulin-like peptide-7	Human	E. coli	5 µg
1870 9600 05	RELM-alpha	Murine	E. coli	5 µg
1871 9500 05	RELM-beta	Human	E. coli	5 µg
1872 9600 05	RELM-gamma	Murine	E. coli	5 µg
1875 9500 05	Resistin	Human	E. coli	5 µg
4450 9540 05	R-Spondin-1 (glycosylated, CHO)	Human	CHO	5 µg
4410 9540 05	R-Spondin-2 (glycosylated, CHO)	Human	CHO	5 µg
4455 9540 05	R-Spondin-3 (glycosylated, CHO)	Human	CHO	5 µg
4455 9550 05	R-Spondin-3 (glycosylated, HEK)	Human	HEK	5 µg
S				
4093 9500 02	S100A10	Human	E. coli	2 µg
1885 9500 02	SCF	Human	E. coli	2 µg
1885 9550 02	SCF (glycosylated, HEK)	Human	HEK	2 µg
1884 9500 02	SCF, cct-premium	Human	E. coli	2 µg
1884 9510 10	SCF, cct-premium (HSA)	Human	E. coli	10 µg
1890 9500 02	SCGF-alpha	Human	E. coli	2 µg
1891 9500 02	SCGF-beta	Human	E. coli	2 µg
1895 9500 02	SDF-1-alpha / CXCL12	Human	E. coli	2 µg
1896 9500 02	SDF-1-beta / CXCL12	Human	E. coli	2 µg
1445 9300 10	Seabream Growth Hormone	Gildhead	E. coli	10 µg
1480 9300 10	Seabream IGF-I	Gildhead	E. coli	10 µg
4096 9591 00	Serpin A1	Human	Human Serum	100 µg
4095 9560 20	Serpin A1, active	Human	Oryza sativa (rice)	20 µg
4046 9500 02	SMAD2	Human	E. coli	2 µg
4047 9500 05	SMAD3	Human	E. coli	5 µg
4048 9500 10	SMAD4	Human	E. coli	10 µg
4114 9571 09	Somatostatin (SST)	Human	synthetic	10 mg
1591 9500 05	Sonic Hedgehog / Shh	Human	E. coli	5 µg
2990 9500 50	SPARC/Osteonectin	Human	E. coli	50 µg
2990 9540 10	SPARC/Osteonectin (glycosylated, CHO)	Human	CHO	10 µg
2012 V200 50	Spike 1000-1200 (nCoV-S2 Spike 1000-1200, His-Tag)	SARS-CoV-9	E. coli	50 µg
2011 V200 50	Spike 800-1000 (nCoV-S2 Spike 800-1000, His-Tag)	SARS-CoV-12	E. coli	50 µg
2008 V200 50	Spike E-Mosaic (nCoV-S2 Spike E-Mosaic, His-Tag)	SARS-CoV-15	E. coli	50 µg
2219 V200 02	Spike Glycoprotein-S1 (16-685, biotinylated, glycosylated, HEK)	SARS-CoV-18	HEK	2 µg
2119 V200 02	Spike Glycoprotein-S1 (16-685, glycosylated, HEK, Fc-Tag)	SARS-CoV-21	HEK	2 µg
2019 V200 02	Spike Glycoprotein-S1 (16-685, glycosylated, HEK, His-Tag)	SARS-CoV-24	HEK	2 µg

2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

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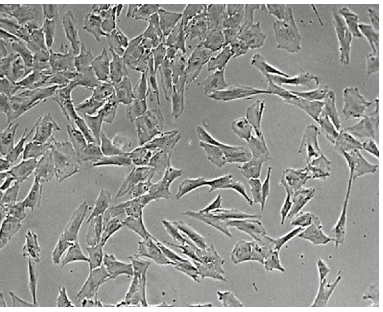
OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
2105 V200 50	Spike Glycoprotein-S1 (nCoV-S1, His-Tag)	SARS-CoV-27	Insect cells	50 µg
2218 V200 02	Spike Glycoprotein-S1 RBD (319-541, biotinylated, glycosylated, HEK)	SARS-CoV-30	HEK	2 µg
2118 V200 02	Spike Glycoprotein-S1 RBD (319-541, glycosylated, HEK, Fc-Tag)	SARS-CoV-33	HEK	2 µg
2018 V200 02	Spike Glycoprotein-S1 RBD (319-541, glycosylated, HEK, His-Tag)	SARS-CoV-36	HEK	2 µg
2005 V200 50	Spike Glycoprotein-S1/ nCoV-S1 (glycosylated, HEK, Fc-Tag)	SARS-CoV-39	HEK	50 µg
2106 V200 50	Spike Glycoprotein-S2 (nCoV-S2, His-Tag)	SARS-CoV-42	Insect cells	50 µg
2006 V200 50	Spike Glycoprotein-S2 / nCoV-S2 (glycosylated, HEK, Fc-Tag)	SARS-CoV-45	HEK	50 µg
2009 V200 50	Spike N-Mosaic (nCoV-S2 Spike N-Mosaic, His-Tag)	SARS-CoV-48	E. coli	50 µg
2020 V200 50	Spike N-terminal Domain (a.a. 1-260, glycosylated, HEK, Fc-Tag)	SARS-CoV-51	HEK	50 µg
2013 V201 00	Spike Protein S1 Receptor Binding Domain (nCoV-S2 Spike Protein S1 Receptor Binding Domain)	SARS-CoV-54	E. coli	100 µg
2010 V200 50	Spike RBD 300-600 (nCoV-S2 Spike RBD 300-600, His-Tag)	SARS-CoV-55	E. coli	50 µg
4050 9500 02	STAT1	Human	E. coli	2 µg
4067 9500 05	Syndecan-1 / CD138 (His-Tag)	Human	E. coli	5 µg
4069 9500 02	Syndecan-4	Human	E. coli	2 µg
T				
1910 9500 05	TACI	Human	E. coli	5 µg
1911 9500 05	TAFA-2	Human	E. coli	5 µg
1915 9500 05	TARC / CCL17	Human	E. coli	5 µg
1920 9500 05	TECK / CCL25	Human	E. coli	5 µg
1930 9500 20	TGF-alpha	Human	E. coli	20 µg
1938 9600 02	TGF-beta 3	Murine	E. coli	2 µg
1935 9540 02	TGF-beta1 (glycosylated, CHO)	Human	CHO	2 µg
1935 9550 02	TGF-beta1 (glycosylated, HEK)	Human	HEK	2 µg
1936 9550 02	TGF-beta2 (glycosylated, HEK)	Human	HEK	2 µg
1938 9500 02	TGF-beta3	Human	E. coli	2 µg
1938 9550 01	TGF-beta3 (glycosylated, HEK)	Human	HEK	1 µg
1975 9500 02	Thrombopoietin TPO	Human	E. coli	2 µg
1975 9550 02	Thrombopoietin TPO (glycosylated, HEK)	Human	HEK	2 µg
4070 9520 02	Thrombospondin-1	Human	Insect cells	2 µg
4017 9620 10	TIE-1 soluble	Murine	Insect cells	10 µg
1950 9640 20	TIE-1 soluble / FC Chimera (CHO)	Murine	CHO	20 µg
1950 9520 20	TIE-1 soluble / FC Chimera (InCs)	Human	Insect cells	20 µg
4018 9520 10	TIE-2 soluble	Human	Insect cells	10 µg
1951 9640 20	TIE-2 soluble / FC Chimera (CHO)	Murine	CHO	20 µg
1951 9520 20	TIE-2 soluble / FC Chimera (InCs)	Human	Insect cells	20 µg
1956 9500 02	TIMP-1	Human	E. coli	2 µg
1956 9550 02	TIMP-1 (glycosylated, HEK)	Human	HEK	2 µg
1957 9500 02	TIMP-2	Human	E. coli	2 µg
1957 9550 02	TIMP-2 (glycosylated, HEK)	Human	HEK	2 µg

2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

cytokines, chemokines, growth factors

OFFER NO.	PRODUCT	SPECIES	SOURCE	SIZE
1955 9500 05	TL-1A /VEGI /TNFSF-15	Human	E. coli	5 µg
1978 9550 05	TLR-3 (glycosylated, HEK)	Human	HEK	5 µg
1960 9500 10	TNF-alpha	Human	E. coli	10 µg
1960 9550 02	TNF-alpha (gylcosylated, HEK)	Human	HEK	2 µg
1962 9500 10	TNF-alpha Variant (less inflammative)	Human	E. coli	10 µg
1960 9530 10	TNF-alpha, cct-premium (Yeast)	Human	Yeast	10 µg
1965 9500 05	TNF-beta	Human	E. coli	5 µg
1970 9500 05	TNF-Receptor soluble Type I	Human	E. coli	5 µg
1971 9500 05	TNF-Receptor soluble Type II	Human	E. coli	5 µg
1969 9540 10	TNF-Receptor soluble Type II FC (glycosylated)	Human	CHO	10 µg
4565 9520 05	TPO (Thyroid Peroxidase) His-Tag	Human	Insect cells	5 µg
4566 9520 50	TPO (Thyroid Peroxidase) His-Tag, biotinylated	Human	Insect cells	50 µg
4044 9500 05	TRAF1 TNF Receptor Associated Factor	Human	E. coli	5 µg
1980 9500 10	TRAIL soluble / Apo-2 Ligand	Human	E. coli	10 µg
1925 9500 05	TreFoil Factor-1 / TFF-1	Human	E. coli	5 µg
1926 9500 05	TreFoil Factor-2 / TFF-2	Human	E. coli	5 µg
1927 9500 05	TreFoil Factor-3 / TFF-3	Human	E. coli	5 µg
1984 9540 10	TSG / Twisted gastrulation Protein (glycosylated)	Human	CHO	10 µg
2255 9590 02	TSH (natural)	Human	Human pituitary glands	2 µg
1985 9500 02	TSLP	Human	E. coli	2 µg
1990 9500 05	TWEAK / TNFSF12	Human	E. coli	5 µg
4097 9591 00	Urokinase	Human	Human Urine	100 µg
V				
4115 9500 05	Vasostatin-2 / CHGA	Human	E. coli	5 µg
2001 9500 05	Vaspin	Human	E. coli	5 µg
4001 9600 02	VEGF120	Murine	E. coli	2 µg
2000 9500 05	VEGF121	Human	E. coli	5 µg
2000 9520 05	VEGF121 (glycosylated)	Human	Insect cells	5 µg
4002 9600 02	VEGF144	Murine	E. coli	2 µg
2003 9500 05	VEGF145	Human	E. coli	5 µg
2006 9620 05	VEGF164 (glycosylated)	Murine	Insect cells	5 µg
2005 9600 02	VEGF164/165	Murine	E. coli	2 µg
2005 9500 02	VEGF165	Human	E. coli	2 µg
2005 9540 02	VEGF165 (glycosylated)	Human	CHO	2 µg
2005 9520 05	VEGF165 (Insect cells)	Human	Insect cells	5 µg
4004 9600 05	VEGF188	Murine	E. coli	5 µg
2195 9500 05	VEGF189	Human	E. coli	5 µg
4003 9500 02	VEGF206	Human	E. coli	2 µg
2010 9520 05	VEGF-C, (glycosylated, His-Tag)	Human	Insect cells	5 µg
2015 9000 05	VEGF-E	Orv virus	E. coli	5 µg
2016 9020 05	VEGF-E Heparin binding (InCs)	Orv virus	Insect cells	5 µg
4005 9800 02	VEGF-F (B. insularis)	Snake	E. coli	2 µg
2017 9500 05	VEG-I	Human	E. coli	5 µg
4402 9500 20	Vimentin	Human	E. coli	20 µg
2185 9500 05	Visfatin	Human	E. coli	5 µg
2185 9600 05	Visfatin, liquid	Murine	E. coli	5 µg
2935 9551 00	Vitronectin (glycosylated, HEK)	Human	HEK	100 µg
W				
4012 9520 02	WIF-1 (glycosylated, InCs)	Human	Insect cells	2 µg
2020 9500 05	WISP-1	Human	E. coli	5 µg
2021 9500 05	WISP-3	Human	E. coli	5 µg



OOB – Ovine osteoblasts

2 HEK – Human embryonic kidney cell line 4 CHO – Chinese hamster ovary cell line

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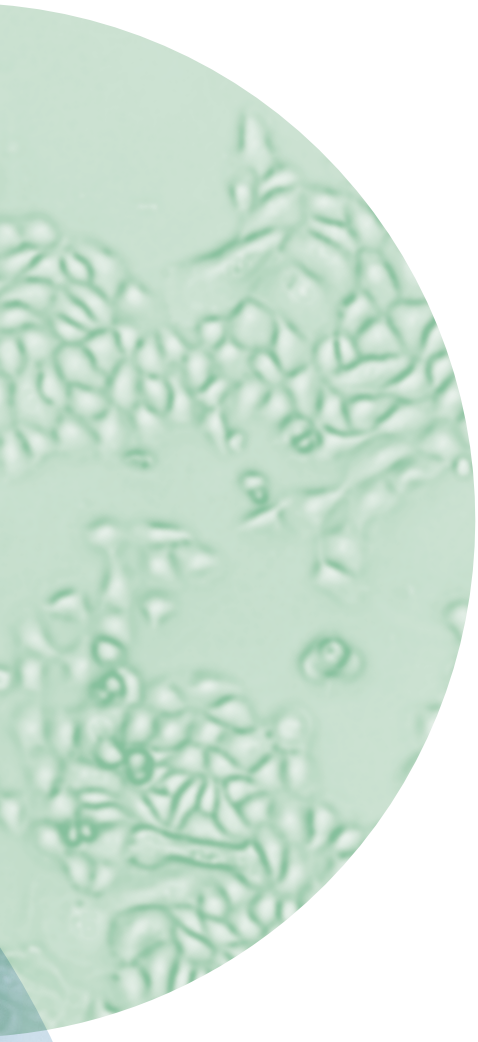

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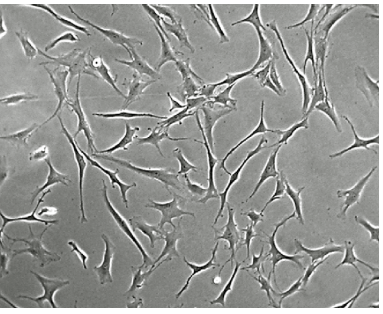
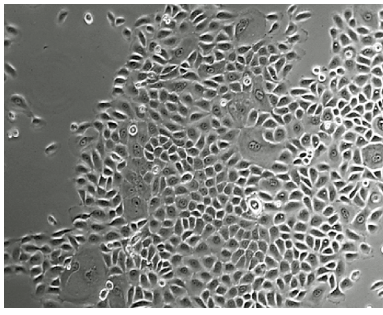


HCHON – Human chondrocytes

Reagents of cell culture			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-0010	FBS	Fetal Bovine Serum	10 ml FBS
SC-0025	FBS	Fetal Bovine Serum	25 ml FBS
SC-0103	T/E	Trypsin/EDTA Solution, 100 ml	100 ml
SC-0113	TNS	Trypsin Neutralization Solution	100 ml
SC-0123	ECDS	Enzyme-free Cell Disociation Solution	100 ml
SC-0133	CFM	Cell Freezing Medium	50 ml
SC-0143	CFM-sf	Cell Freezing Medium-serum free	50 ml
SC-0153	StemCryo™	Human Pluripotent Stem Cell Cryopreservation Medium	50 ml
SC-0163	StemCryo™	Human Pluripotent Stem Cell Cryopreservation Medium	5×10 ml
SC-0173	STI	Soybean Trypsin Inhibitor	50 ml
SC-0183	T/E	Trypsin/EDTA Solution, 0.05%	100 ml
SC-0203	TB	0.4% Trypan Blue	50 ml
SC-0303	DBPS	Dulbecco's Phosphate-Buffered Saline	500 ml
SC-0313	HBSS	Hank's Balanced Salt Solution	500 ml
SC-0373	ULBC Plates	Ultra-Low Binding Culture Plate	6-well, 1 plate
SC-0383	ULBC Plates	Ultra-Low Binding Culture Plate	24-well, 1 plate
SC-0403	PLL	Poly-L-Lysine	1 mg/ml
SC-0413	PLL	Poly-L-Lysine	10 mg/ml
SC-0423	GSN	0.2% Gelatin Solution	100 ml
SC-0500	FBS	Fetal Bovine Serum	500 ml FBS
SC-0503	P/S	Penicillin/Streptomycin Solution	5 ml
SC-0513	P/S	Penicillin/Steptomycin Solution	100 ml
SC-0523	AMS	Antimycotic Solution	50 ml
SC-0533	ABAMS	Antibiotic/Antimycotic Solution	50 ml
SC-0543	PURO-10	Puromycin	10 mg/ml; 10×1 ml
SC-0553	PURO-1	Puromycin	10 mg/ml; 1 ml
SC-0563	MIS	Mycoplasma Inhibitor Solution	10 mg/ml; 10×1 ml
SC-0600	CCGW	Cell Culture Grade Water	500 ml
SC-0603	BHE-1	Bovine Hypothalamus Extract	10 mg/ml; 1 ml
SC-0613	BHE-5	Bovine Hypothalamus Extract	10 mg/ml; 5×1 ml
SC-0703	BPE	Bovine Pituitary Extract	25 mg
SC-0713	BPE	Bovine Pituitary Extract	100 mg
SC-0733	LALG	L-alanyl-l-glutamine	100 ml
SC-0753	BPE	Bovine Pituitary Extract - New Zealand	25 mg
SC-0763	BPE	Bovine Pituitary Extract - New Zealand	100 mg
SC-0803	ITS	Insulin Transferrin Selenium	10 ml
SC-0813	L-Glu	L-Glutamine Solution	100 ml
SC-0823	NEAA	100X Non-Essential Amino Acids	100 ml
SC-0863	HEP	0.2% Heparin	5 ml
SC-0903	EndoF	EndoFectagen	kit
SC-0913	FibroF	FibroFectagen	kit
SC-0923	EpiF	EpiFectagen	kit
SC-0933	MesenF	MesenFectagen	kit
SC-0943	AstroF	AstroFectagen	kit
SC-0953	SMCF	SMCFectagen	kit
SC-0963	KeraF	Kerafectagen	kit

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-0973	EpiF	EpiFectagen II	kit
SC-0983	MelaF	MelanoFectagen	kit
SC-5803	StemDS	StemDS® Human Embryonic Stem Cell Dissociation Solution, 100 ml	100 ml
SC-8248	BPF	Bovine Plasma Fibronectin	1 mg
SC-8448	IR	Iron Assay	100 tests
SC-8448	IR	Iron Assay	100 tests
SC-8538	BPV	Bovine Plasma Vitronectin	100 µg
SC-09011	MEM	MEM with Earle's Salts and L-Glutamine	500 ml
SC-09021	MEM	MEM with Hank's Salts and L-Glutamine	500 ml
SC-09031	MEM	MEM with Eagles's Salts and Glutamine	500 ml
SC-09111	M199E	Medium 199 with Earle's Salts and L-Glutamine	500 ml
SC-09121	M199H	Medium 199 with Hanks Salts and L-Glutamine	500 ml
SC-09211	DMEM	DMEM with L-Glutamine and Sodium Pyruvate	500 ml
SC-09221	DMEM	DMEM with High-Glucose, L-Glutamine and Sodium Pyruvate	500 ml
SC-09231	DMEM	DMEM with L-Glutamine, Sodium Pyruvate and 25 mM HEPES	500 ml
SC-09241	DMEM	DMEM with High-Glucose, L-Glutamine, Sodium Pyruvate and 25 mM HEPES	500 ml
SC-09311	Ham's F-10	F-10 with L-Glutamine and 25 mM HEPES	500 ml
SC-09321	Ham's F-12	F-12 with L-Glutamine and 25 mM HEPES	500 ml
SC-09411	DMEM/F-12	DMEM/F-12 with L-Glutamine	500 ml
SC-09421	DMEM/F-12	DMEM/F-12 with L-Glutamine and 15 mM HEPES	500 ml
SC-09511	RPMI 1640	RPMI 1640 without L-Glutamine, with 25 mM HEPES	500 ml
SC-09521	RPMI 1640	RPMI 1640 with L-Glutamine and 25 mM HEPES	500 ml
SC-09611	IMDM	IMDM with L-Glutamine and 25 mM HEPES; without alpha-Thioglycerol, 2-mercaptoethanol	500 ml
SC-OsrHSA	rHSA	Recombinant Human Serum Albumin	1 g
SC-OsrHSA-10	rHSA	Recombinant Human Serum Albumin	10 g
SC-OsrHSA-100	rHSA	Recombinant Human Serum Albumin	100 g
SC-OsrHSA-1000	rHSA	Recombinant Human Serum Albumin	1 kg

Human nerval system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-CP1000	HBMEC Cell Pellet	Human Brain Microvascular Endothelial Cells	5 million cells
SC-1001	ECM	Endothelial Cell Medium	500 ml
SC-1001-b	ECM-b	Endothelial Cell Medium-basal	500 ml
SC-1001-b-prf	ECM-b-prf	Endothelial Cell Medium-basal-phenol red free	500 ml
SC-1001-NG	ECM-NG	Endothelial Cell Medium – No Glutamine	500 ml
SC-1001-prf	ECM-prf	Endothelial Cell Medium-phenol red free	500 ml
SC-1004	HBMEC cDNA	Human Brain Microvascular Endothelial Cell cDNA	20 reactions
SC-1005	HBMEC tRNA	Human Brain Microvascular Endothelial Cell Total RNA	10 µg
SC-1006	HBMEC Lysate	Human Brain Microvacular Endothelial Cell Lysate	200 µg
SC-1007	HBMEC miRNA	Human Brain Microvacular Endothelial Cell MicroRNA	1 µg
SC-1009	HBMEC gDNA	Human Brain Microvacular Endothelial Cell Genomic DNA	5 µg
SC-1021	ECM-r	Endothelial Cell Medium-rat	500mL



HKER – Human keratinocytes

ScienCell products

Human nerval system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-1052	ECGS	Endothelial Cell Growth Supplement	5 ml
SC-1062	ECGS-r	Endothelial Cell Growth Supplement-rat	5mL
SC-1100	HBVSMC	Human Brain Vascular Smooth Muscle Cells	5×10^5 cells/vial
SC-CP1100	HBVSMC Cell Pellet	Human Brain Vascular Smooth Muscle Cells	5 million cells
SC-1101	SMCM	Smooth Muscle Cell Medium	500 ml
SC-1101-b	SMCM-b	Smooth Muscle Cell Medium-basal	500 ml
SC-1101-b-prf	SMCM-b-prf	Smooth Muscle Cell Medium-basal-phenol red free	500 ml
SC-1101-prf	SMCM-prf	Smooth Muscle Cell Medium-phenol red free	500 ml
SC-1104	HBVSMC cDNA	Human Brain Vascular Smooth Muscle Cell cDNA	20 reactions
SC-1105	HBVSMC tRNA	Human Brain Vascular Smooth Muscle Cell Total RNA	10 µg
SC-1106	HBVSMC Lysate	Human Brain Vascular Smooth Muscle Cell Lysate	200 µg
SC-1107	HBVSMC miRNA	Human Brain Vascular Smooth Muscle Cell MicroRNA	1 µg
SC-1109	HBVSMC gDNA	Human Brain Vascular Smooth Muscle Cell Genomic DNA	5 µg
SC-1110	HBVAF	Human Brain Vascular Adventitial Fibroblasts	5×10^5 cells/vial
SC-CP1110	HBVAF Cell Pellet	Human Brain Vascular Adventitial Fibroblast Cell Pellet	5 million cells
SC-1111	SMCM-sf	Smooth Muscle Cell Medium-serum free	500 ml
SC-1111-b	SMCM-sf-b	Smooth Muscle Cell Medium-serum free-basal	500 ml
SC-1111-b-prf	SMCM-sf-b-prf	Smooth Muscle Cell Medium-serum free-basal-phenol red free	500 ml
SC-1111-prf	SMCM-sf-prf	Smooth Muscle Medium-serum free-phenol red free	500 ml
SC-1114	HBVAF cDNA	Human Brain Vascular Adventitial Fibroblast cDNA	20 reactions
SC-1115	HBVAF tRNA	Human Brain Vascular Adventitial Fibroblast Total RNA	10 µg
SC-1116	HBVAF Lysate	Human Brain Vascular Adventitial Fibroblast Lysate	200 µg
SC-1117	HBVAF miRNA	Human Brain Vascular Adventitial Fibroblast MicroRNA	1 µg
SC-1119	HBVAF gDNA	Human Brain Vascular Adventitial Fibroblast Genomic DNA	5 µg
SC-1152	SMCGS	Smooth Muscle Cell Growth Supplement	5 ml
SC-1162	SMCGS-sf	Smooth Muscle Cell Growth Supplement-serum free	5 ml
SC-1200	HBVP	Human Brain Vascular Pericytes	5×10^5 cells/vial
SC-CP1200	HBVP Cell Pellet	Human Brain Vascular Pericytes Cell Pellet	5 million cells
SC-1201	PM	Pericyte Medium	500 ml
SC-1201-b	PM-b	Pericyte Medium-basal	500 ml
SC-1201-b-prf	PM-b-prf	Pericyte Medium-basal-phenol red free	500 ml
SC-1201-prf	PM-prf	Pericyte Medium-phenol red free	500 ml
SC-1204	HBVP cDNA	Human Brain Vascular Pericyte cDNA	20 reactions
SC-1205	HBVP tRNA	Human Brain Vascular Pericyte Total RNA	10 µg
SC-1206	HBVP Lysate	Human Brain Vascular Pericyte Lysate	200 µg
SC-1207	HBVP miRNA	Human Brain Vascular Pericyte MicroRNA	1 µg
SC-1209	HBVP gDNA	Human Brain Vascular Pericyte Genomic DNA	5 µg
SC-1231	PM-m	Pericyte Medium-mouse	500 ml
SC-1231-b	PM-m-b	Pericyte Medium-mouse-basal	500 ml
SC-1231-b-prf	PM-m-b-prf	Pericyte Medium-mouse basal-phenol red free	500 ml
SC-1231-prf	PM-m-prf	Pericyte Medium-mouse-phenol red free	500 ml
SC-1252	PGS	Pericyte Growth Supplement	5 ml
SC-1300	HCPEC	Human Choroid Plexus Endothelial Cells	5×10^5 cells/vial
SC-CP1300	HCPEC Cell Pellet	Human Choroid Plexus Endothelial Cell Pellet	5 million cells
SC-1304	HCPEC cDNA	Human Choroid Plexus Endothelial Cell cDNA	20 reactions
SC-1305	HCPEC tRNA	Human Choroid Plexus Endothelial Cell Total RNA	10 µg

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-1306	HCPEC Lysate	Human Choroid Plexus Endothelial Cell Lysate	200 µg
SC-1307	HCPEC miRNA	Human Choroid Plexus Endothelial Cell MicroRNA	1 µg
SC-1309	HCPEC gDNA	Human Choroid Plexus Endothelial Cell Genomic DNA	5 µg
SC-1310	HCPEpiC	Human Choroid Plexus Epithelial Cells	5×10^5 cells/vial
SC-CP1310	HCPEpiC Cell Pellet	Human Choroid Plexus Epithelial Cell Pellet	5 million cells
SC-1314	HCPEpiC cDNA	Human Choroid Plexus Epithelial Cell cDNA	20 reactions
SC-1315	HCPEpiC tRNA	Human Choroid Plexus Epithelial Cell Total RNA	10 µg
SC-1316	HCPEpiC Lysate	Human Choroid Plexus Epithelial Cell Lysate	200 µg
SC-1317	HCPEpiC miRNA	Human Choroid Plexus Epithelial Cell MicroRNA	1 µg
SC-1319	q	Human Choroid Plexus Epithelial Cell Genomic DNA	5 µg
SC-1320	HCPF	Human Choroid Plexus Fibroblasts	5×10^5 cells/vial
SC-CP1320	HCPF Cell Pellet	Human Choroid Plexus Fibroblast Cell Pellet	5 million cells
SC-1324	HCPF cDNA	Human Choroid Plexus Fibroblast cDNA	20 reactions
SC-1325	HCPF tRNA	Human Choroid Plexus Fibroblast Total RNA	10 µg
SC-1326	HCPF Lysate	Human Choroid Plexus Fibroblast Lysate	200 µg
SC-1327	HCPF miRNA	Human Choroid Plexus Fibroblast MicroRNA	1 µg
SC-1329	HCPF gDNA	Human Choroid Plexus Fibroblast Genomic DNA	5 µg
SC-1400	HMC	Human Meningeal Cells	5×10^5 cells/vial
SC-CP1400	HMC Cell Pellet	Human Meningeal Cell Pellet	5 million cells
SC-1401	MenCM	Meningeal Cell Medium	500 ml
SC-1401-b	MenCM-b	Meningeal Cell Medium-basal	500 ml
SC-1401-b-prf	MenCM-b-prf	Meningeal Cell Medium-basal-phenol red free	500 ml
SC-1401-prf	MenCM-prf	Meningeal Cell Medium-phenol red free	500 ml
SC-1404	HMC cDNA	Human Meningeal Cell cDNA	20 reactions
SC-1405	HMC tRNA	Human Meningeal Cell Total RNA	10 µg
SC-1406	HMC Lysate	Human Meningeal Cell Lysate	200 µg
SC-1407	HMC miRNA	Human Meningeal Cell MicroRNA	1 µg
SC-1409	HMC gDNA	Human Meningeal Cell Genomic DNA	5 µg
SC-1410	HLP	Human Leptomeningeal Pericytes	5×10^5 cells/vial
SC-CP1410	HLP Cell Pellet	Human Leptomeningeal Pericyte Cell Pellet	5 million cells
SC-1414	HLP cDNA	Human Leptomeningeal Pericyte cDNA	20 reactions
SC-1415	HLP tRNA	Human Leptomeningeal Pericyte Total RNA	5 µg
SC-1416	HLP Lysate	Human Leptomeningeal Pericyte Lysate	200 µg
SC-1417	HLP miRNA	Human Leptomeningeal Pericyte MicroRNA	1 µg
SC-1419	HLP gDNA	Human Leptomeningeal Pericyte Genomic DNA	10 µg
SC-1452	MCGS	Meningeal Cell Growth Supplement	5 ml
SC-1511	NPCM	Neural Precursor Cell Medium	500 ml
SC-1511-b	NPCM-b	Neural Precursor Cell Medium-basal	500 ml
SC-1511-b-prf	NPCM-b-prf	Neural Precursor Cell Medium-basal-phenol red free	500 ml
SC-1511-prf	NPCM-prf	Neural Precursor Cell Medium-phenol red free	500 ml
SC-1520	HN	Human Neurons	1×10^6 cells/vial
SC-1521	NM	Neuronal Medium	500 ml
SC-1521-b	NM-b	Neuronal Medium-basal	500 ml
SC-1521-b-prf	NM-b-prf	Neuronal Medium-basal-phenol red free	500 ml
SC-1521-prf	NM-prf	Neuronal Medium-phenol red free	500 ml
SC-1524	HN cDNA	Human Neuron cDNA	20 reactions
SC-1526	HN Lysate	Human Neuron Lysate	200 µg

ScienCell products

Human nerval system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-1529	HN gDNA	Human Neuron Genomic DNA	5 µg
SC-1530	HCGC	Human Cerebellar Granule Cells	1×10^6 cells/vial
SC-1531	NPCDM	Neural Precursor Cell Differentition Medium	500 ml
SC-1531-b	NPCDM-b	Neural Precursor Cell Differentition Medium-basal	500 ml
SC-1531-b-prf	NPCDM-b-prf	Neural Precursor Cell Differentition Medium-basal-phenol red free	500 ml
SC-1531-prf	NPCDM-prf	Neural Precursor Cell Differentition Medium-phenol red free	500 ml
SC-1539	HCGC gDNA	Human Cerebellar Granule Cell Genomic DNA	5 µg
SC-1540	HN-h	Human Neurons-hippocampal	1×10^6 cells/vial
SC-1550	HN-mb	Human Neurons-midbrain	1×10^6 cells/vial
SC-1552	NPCGS	Neural Precursor Cell Growth Supplement	5 ml
SC-1560	HN-bs	Human Neurons-brain stem	1×10^6 cells/vial
SC-1562	NGS	Neuronal Growth Supplement	5 ml
SC-1572	NPCDS	Neural Precursor Cell Differentiation Supplement	5 ml
SC-1600	HOPC	Human Oligodendrocyte Precursor Cells	1×10^6 cells/vial
SC-1601	OPCM	Oligodendrocyte Precursor Cell Medium	500 ml
SC-1601-b	OPCM-b	Oligodendrocyte Precursor Cell Medium-basal	500 ml
SC-1601-b-prf	OPCM-b-prf	Oligodendrocyte Precursor Cell Medium-basal-phenol red free	500 ml
SC-1601-prf	OPCM-prf	Oligodendrocyte Precursor Cell Medium-phenol red free	500 ml
SC-1604	HOPC cDNA	Human Oligodendrocyte Precursor Cell cDNA	20 reactions
SC-1606	HOPC Lysate	Human Oligodendrocyte Precursor Cell Lysate	200 µg
SC-1609	HOPC gDNA	Human Oligodendrocyte Precursor Cell Genomic DNA	5 µg
SC-1610	HOPC-os	Human Oligodendrocyte Precursor Cell-oligospheres	5×10^6 cells/vial
SC-1611	OsM	Oligosphere Medium	500 ml
SC-1611-b	OsM-b	Oligoshere Medium-basal	500 ml
SC-1611-b-prf	OsM-b-prf	Oligoshere Medium-basal-phenol red free	500 ml
SC-1611-prf	OsM-prf	Oligoshere Medium-phenol red free	500 ml
SC-1621	OM	Oligodendrocyte Medium	500 ml
SC-1621-b-prf	OM-b-prf	Oligodendrocyte Medium-basal-phenol red free	500 ml
SC-1621-prf	OM-prf	Oligodendrocyte Medium-phenol red free	500 ml
SC-1631	OPCDM	Oligodendrocyte Precursor Cell Differentiation Medium	500 ml
SC-1631-b	OPCDM-b	Oligodendrocyte Precursor Cell Differentiation Medium-basal	500 ml
SC-1631-b-prf	OPCDM-b-prf	Oligodendrocyte Precursor Cell Differentiation Medium-basal-phenol red free	500 ml
SC-1631-prf	OPCDM-prf	Oligodendrocyte Precursor Cell Differentiation Medium-phenol red free	500 ml
SC-1650	HiPSC-NSC	HiPSC-derived Neural Stem Cells	1×10^6 cells/vial
SC-1652	OPCGS	Oligodendrocyte Precursor Cell Growth Supplement	5 ml
SC-1662	OGS	Oligodendrocyte Growth Supplement	5 ml
SC-1672	OPCDS	Oligodendrocyte Precursor Cell Differentiation Supplement	5 ml
SC-1700	HSC	Human Schwann Cells	5×10^5 cells/vial
SC-CP1700	HSC Cell Pellet	Human Schwann Cell Pellet	5 million cells
SC-1701	SCM	Schwann Cell Medium	500 ml
SC-1701-b	SCM-b	Schwann Cell Medium-basal	500 ml
SC-1701-b-prf	SCM-b-prf	Schwann Cell Medium-basal-phenol red free	500 ml
SC-1701-prf	SCM-prf	Schwann Cell Medium-phenol red free	500 ml
SC-1704	HSC cDNA	Human Schwann Cell cDNA	20 reactions

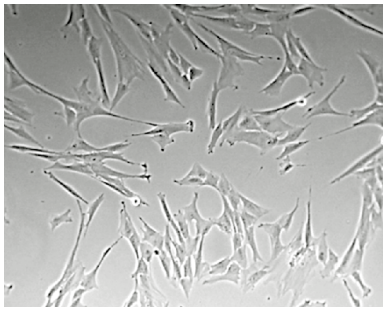
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-1705	HSC tRNA	Human Schwann Cell Total RNA	10 µg
SC-1706	HSC Lysate	Human Schwann Cell Lysate	200 µg
SC-1707	HSC miRNA	Human Schwann Cell MicroRNA	1 µg
SC-1709	HSC gDNA	Human Schwann Cell Genomic DNA	5 µg
SC-1710	HPNC	Human Perineurial Cells	5×10^5 cells/vial
SC-CP1710	HPNC Cell Pellet	Human Perineurial Cell Pellet	5 million cells
SC-1714	HPC cDNA	Human Perineurial Cell cDNA	20 reactions
SC-1715	HPC tRNA	Human Perineurial Cell Total RNA	10 µg
SC-1716	HPC Lysate	Human Perineurial Cell Lysate	200 µg
SC-1717	HPC miRNA	Human Perineurial Cell MicroRNA	1 µg
SC-1719	HPC gDNA	Human Perineurial Cell Genomic DNA	5 µg
SC-1752	SCGS	Schwann Cell Growth Supplement	5 ml
SC-1800	HA	Human Astrocytes	1×10^6 cells/vial
SC-CP1800	HA Cell Pellet	Human Astrocyte Cell Pellet	5 million cells
SC-1801	AM	Astrocyte Medium	500 ml
SC-1801-b	AM-b	Astrocyte Medium-basal	500 ml
SC-1801-b-prf	AM-b-prf	Astrocyte Medium-basal-phenol red free	500 ml
SC-1801-prf	AM-prf	Astrocyte Medium-phenol red free	500 ml
SC-1804	HA cDNA	Human Astrocyte cDNA	20 reactions
SC-1805	HA tRNA	Human Astrocyte Total RNA	10 µg
SC-1806	HA Lysate	Human Astrocyte Lysate	200 µg
SC-1807	HA miRNA	Human Astrocyte MicroRNA	1 µg
SC-1809	HA gDNA	Human Astrocyte Genomic DNA	5 µg
SC-1810	HA-c	Human Astrocytes-cerebellar	5×10^5 cells/vial
SC-CP1810	HA-c Cell Pellet	Human Astrocyte-cerebellar Cell Pellet	5 million cells
SC-1811	ACM	Astrocyte Conditioned Medium	100 ml
SC-1811-sf	ACM-sf	Astrocyte Conditioned Medium-Serum Free	100 ml
SC-1814	HA-c cDNA	Human Astrocyte-cerebellar cDNA	20 reactions
SC-1815	HA-c tRNA	Human Astrocyte-cerebellar Total RNA	10 µg
SC-1816	HA-c Lysate	Human Astrocyte-cerebellar Lysate	200 µg
SC-1817	HA-c miRNA	Human Astrocyte-cerebellar MicroRNA	1 µg
SC-1819	HA-c gDNA	Human Astrocyte-cerebellar Genomic DNA	5 µg
SC-1820	HA-sp	Human Astrocytes-spinal cord	5×10^5 cells/vial
SC-CP1820	HA-sp Cell Pellet	Human Astrocyte-spinal cord Cell Pellet	5 million cells
SC-1824	HA-sp cDNA	Human Astrocyte-spinal cord cDNA	20 reactions
SC-1825	HA-sp tRNA	Human Astrocyte-spinal cord Total RNA	10 µg
SC-1826	HA-sp Lysate	Human Astrocyte-spinal cord Lysate	200 µg
SC-1827	HA-sp miRNA	Human Astrocyte-spinal cord MicroRNA	1 µg
SC-1829	HA-sp gDNA	Human Astrocyte-spinal cord Genomic DNA	5 µg
SC-1830	HA-h	Human Astrocytes-hippocampal	5×10^5 cells/vial
SC-CP1830	HA-h Cell Pellet	Human Astrocyte-hippocampal Cell Pellet	5 million cells
SC-1831	AM-a	Astrocyte Medium-animal	500 ml
SC-1831-b	AM-a-b	Astrocyte Medium-animal-basal	500 ml
SC-1831-b-prf	AM-a-b-prf	Astrocyte Medium-animal-basal-phenol red free	500 ml
SC-1831-prf	AM-a-prf	Astrocyte Medium-animal-phenol red free	500 ml
SC-1834	HA-h cDNA	Human Astrocytes-hippocampal cDNA	20 reactions
SC-1835	HA-h tRNA	Human Astrocytes-hippocampal Total RNA	10 µg

ScienCell products

Human nerval system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-1836	HAL-h Lysate	Human Astrocyte-hippocampal Lysate	200 µg
SC-1837	HA-h miRNA	Human Astrocytes-hippocampal MicroRNA	1 µg
SC-1839	HA-h gDNA	Human Astrocytes-hippocampal Genomic DNA	5 µg
SC-1840	HA-bs	Human Astrocytes-brain stem	5×10^5 cells/vial
SC-CP1840	HA-bs Cell Pellet	Human Astrocyte-brain stem Cell Pellet	5 million cells
SC-1844	HA-bs cDNA	Human Astrocytes-brain stem cDNA	20 reactions
SC-1845	HA-bs tRNA	Human Astrocytes-brain stem Total RNA	10 µg
SC-1846	HAL-bs Lysate	Human Astrocyte Lysate-brain	200 µg
SC-1847	HA-bs miRNA	Human Astrocytes-brain stem MicroRNA	1 µg
SC-1849	HA-bs gDNA	Human Astrocytes-brain stem Genomic DNA	5 µg
SC-1850	HA-mb	Human Astrocytes-midbrain	5×10^5 cells/vial
SC-CP1850	HA-mb Cell Pellet	Human Astrocyte-midbrain Cell Pellet	5 million cells
SC-1852	AGS	Astrocyte Growth Supplement	5 ml
SC-1854	HA-mb cDNA	Human Astrocyte-midbrain cDNA	20 reactions
SC-1855	HA-mb HA tRNA	Human Astrocyte-midbrain Total RNA	10 µg
SC-1856	HA-mb Lysate	Human Astrocyte-midbrain Lysate	200 µg
SC-1857	HA-mb miRNA	Human Astrocyte-midbrain MicroRNA	1 µg
SC-1859	HA-mb gDNA	Human Astrocyte-midbrain Genomic DNA	5 µg
SC-1870	HRA	Human Retinal Astrocytes	5×10^5 cells/vial
SC-CP1870	HRA Cell Pellet	Human Retinal Astrocyte Cell Pellet	5 million cells
SC-1874	HRA cDNA	Human Retinal Astrocyte cDNA	20 reactions
SC-1875	HRA tRNA	Human Retinal Astrocyte Total RNA	10 µg
SC-1876	HRA Lysate	Human Retinal Astrocyte Lysate	200 µg
SC-1877	HRA miRNA	Human Retinal Astrocyte MicroRNA	1 µg
SC-1879	HRA gDNA	Human Retinal Astrocytes Genomic DNA	5 µg
SC-1882	AGS-a	Astrocyte Growth Supplement-animal	5 ml
SC-1901	MM	Microglia Medium	500 ml
SC-1901-b	MM-b	Microglia Medium-basal	500 ml
SC-1901-b-prf	MM-b-prf	Microglia Medium-basal-phenol red free	500 ml
SC-1901-prf	MM-prf	Microglia Medium-phenol red free	500 ml
SC-1921	MaM	Macrophage Medium	500 ml
SC-1921-b	MaM-b	Macrophage Medium-basal	500 ml
SC-1921-b-prf	MaM-b-prf	Macrophage Medium-basal-phenol red free	500 ml
SC-1921-prf	MaM-prf	Macrophage Medium-phenol red free	500 ml
SC-1952	MGS	Microglia Growth Supplement	5 ml
SC-1972	MaGS	Macrophage Growth Supplement	5 ml

Human dermal system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2000	HDMEC	Human Dermal Microvascular Endothelial Cells	5×10^5 cells/vial
SC-2004	HDMEC cDNA	Human Dermal Microvascular Endothelial Cell cDNA	20 reactions
SC-2005	HDMEC tRNA	Human Dermal Microvascular Endothelial Cell Total RNA	10 µg
SC-2006	HDMEC Lysate	Human Dermal Microvascular Endothelial Cell Lysate	200 µg
SC-2007	HDMEC miRNA	Human Dermal Microvascular Endothelial Cell MicroRNA	1 µg
SC-2009	HDMEC gDNA	Human Dermal Microvascular Endothelial Cell Genomic DNA	5 µg
SC-2010	HDLEC	Human Dermal Lymphatic Endothelial Cells	5×10^5 cells/vial

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2014	HDLEC cDNA	Human Dermal Lymphatic Endothelial Cell cDNA	20 reactions
SC-2015	HDLEC tRNA	Human Dermal Lymphatic Endothelial Cell Total RNA	10 µg
SC-2016	HDLEC Lysate	Human Dermal Lymphatic Endothelial Cell Lysate	200 µg
SC-2017	HDLEC miRNA	Human Dermal Lymphatic Endothelial Cell MicroRNA	1 µg
SC-2019	HDLEC gDNA	Human Dermal Lymphatic Endothelial Cell Genomic DNA	5 µg
SC-2020	HDMEC-a	Human Dermal Microvascular Endothelial Cells-adult	5×10^5 cells/vial
SC-2024	HDMEC-a cDNA	Human Dermal Microvascular Endothelial Cell-adult cDNA	20 reactions
SC-2025	HDMEC-a tRNA	Human Dermal Microvascular Endothelial Cell-adult Total RNA	10 µg
SC-2026	HDMEC-a Lysate	Human Dermal Microvascular Endothelial Cell-adult Lysate	200 µg
SC-2027	HDMEC-a miRNA	Human Dermal Microvascular Endothelial Cell-adult MicroRNA	1 µg
SC-2029	HDMEC-a gDNA	Human Dermal Microvascular Endothelial Cell-adult Genomic DNA	5 µg
SC-2100	HEK	Human Epidermal Keratinocytes-neonatal	5×10^5 cells/vial
SC-2101	KM	Keratinocyte Medium	500 ml
SC-2101-b	KM-b	Keratinocyte Medium-basal	500 ml
SC-2101-b-prf	KM-b-prf	Keratinocyte Medium-basal-phenol red free	500 ml
SC-2101-prf	KM-prf	Keratinocyte Medium-phenol red free	500 ml
SC-2104	HEK cDNA	Human Epidermal Keratinocyte cDNA	20 reactions
SC-2105	HEK tRNA	Human Epidermal Keratinocyte Total RNA	10 µg
SC-2106	HEK Lysate	Human Epidermal Keratinocyte Lysate	200 µg
SC-2107	HEK miRNA	Human Epidermal Keratinocyte MicroRNA	1 µg
SC-2109	HEK gDNA	Human Epidermal Keratinocyte Genomic DNA	5 µg
SC-2110	HEK-a	Human Epidermal Keratinocytes-adult	5×10^5 cells/vial
SC-2111	KM-d	Keratinocyte Medium-defined	500 ml
SC-2111-b	KM-d-b	Keratinocyte Medium-defined-basal	500 ml
SC-2111-b-prf	KM-d-b-prf	Keratinocyte Medium-defined-basal-phenol red free	500 ml
SC-2111-prf	KM-d-prf	Keratinocyte Medium-defined-phenol red free	500 ml
SC-2114	HEK-a cDNA	Human Epidermal Keratinocyte-adult cDNA	20 reactions
SC-2115	HEK-a tRNA	Human Epidermal Keratinocyte-adult Total RNA	10 µg
SC-2116	HEK-a Lysate	Human Epidermal Keratinocyte-adult Lysate	200 µg
SC-2117	HEK-a miRNA	Human Epidermal Keratinocyte-adult MicroRNA	1 µg
SC-2119	HEK-a gDNA	Human Epidermal Keratinocyte-adult Genomic DNA	5 µg
SC-2120	HEK-f	Human Epidermal Keratinocytes-fetal	5×10^5 cells/vial
SC-2121	KM-acf	Keratinocyte Medium-animal component free	500 ml
SC-2121-b	KM-acf-b	Keratinocyte Medium-animal component free-basal	500 ml
SC-2121-b-prf	KM-acf-b-prf	Keratinocyte Medium-animal component free-basal-phenol red free	500 ml
SC-2121-prf	KM-acf-prf	Keratinocyte Medium-animal component free-phenol red free	500 ml
SC-2124	HEK-f cDNA	Human Epidermal Keratinocyte-fetal cDNA	20 reactions
SC-2125	HEK-f tRNA	Human Epidermal Keratinocyte-fetal Total RNA	10 µg
SC-2126	HEK-f Lysate	Human Epidermal Keratinocyt-fetal Lysate	200 µg
SC-2127	HEK-f miRNA	Human Epidermal Keratinocyte-fetal MicroRNA	1 µg
SC-2129	HEK-f gDNA	Human Epidermal Keratinocyte-fetal Genomic DNA	5 µg
SC-2152	KGS	Keratinocyte Growth Supplement	5 ml
SC-2162	KGS-d	Keratinocyte Growth Supplement-defined	5 ml
SC-2172	KGS-acf	Keratinocyte Growth Supplement-animal component free	5 ml
SC-2200	HEM-l	Human Epidermal Melanocytes-light	5×10^5 cells/vial
SC-2201	MelM	Melanocyte Medium	500 ml



HPASMC –pulomary artery smooth muscle cells

ScienCell products

Human dermal system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2201-b	MelM-b	Melanocyte Medium-basal	500 ml
SC-2201-b-prf	MelM-b-prf	Melanocyte Medium-basal-phenol red free	500 ml
SC-2201-prf	MelM-prf	Melanocyte Medium-phenol red free	500 ml
SC-2204	HEM cDNA	Human Epidermal Melanocyte cDNA	20 reactions
SC-2205	HEM tRNA	Human Epidermal Melanocyte Total RNA	10 µg
SC-2206	HEM Lysate	Human Epidermal Melanocyte Lysate	200 µg
SC-2207	HEM miRNA	Human Epidermal Melanocyte MicroRNA	1 µg
SC-2209	HEM gDNA	Human Epidermal Melanocyte Genomic DNA	5 µg
SC-2210	HEM-m	Human Epidermal Melanocytes-medium	5×10^5 cells/vial
SC-2211	MelM-2	Melanocyte Medium-TPA free	500 ml
SC-2211-b	MelM-2-b	Melanocyte Medium-2-basal	500 ml
SC-2211-b-prf	MelM-2-b-prf	Melanocyte Medium-2-basal-phenol red free	500 ml
SC-2211-prf	MelM-2-prf	Melanocyte Medium-2-phenol red free	500 ml
SC-2214	HEM-m cDNA	Human Epidermal Melanocyte-medium cDNA	20 reactions
SC-2215	HEM-m tRNA	Human Epidermal Melanocyte-medium Total RNA	10 µg
SC-2216	HEM-m Lysate	Human Epidermal Melanocyte-medium Lysate	200 µg
SC-2217	HEM-m miRNA	Human Epidermal Melanocyte-medium MicroRNA	1 µg
SC-2219	HEM-m gDNA	Human Epidermal Melanocyte-medium Genomic DNA	5 µg
SC-2220	HEM-d	Human Epidermal Melanocytes-dark	5×10^5 cells/vial
SC-2224	HEM cDNA	Human Epidermal Melanocyte-dark cDNA	20 reactions
SC-2225	HEM tRNA	Human Epidermal Melanocyte-dark Total RNA	10 µg
SC-2226	HEM Lysate	Human Epidermal Melanocyte-dark Lysate	200 µg
SC-2227	HEM miRNA	Human Epidermal Melanocyte-dark MicroRNA	1 µg
SC-2229	HEM gDNA	Human Epidermal Melanocyte-dark Genomic DNA	5 µg
SC-2230	HEM-a	Human Epidermal Melanocytes-adult	5×10^5 cells/vial
SC-2234	HEM-a cDNA	Human Epidermal Melanocyte-adult cDNA	20 reactions
SC-2235	HEM-a tRNA	Human Epidermal Melanocyte-adult Total RNA	10 µg
SC-2236	HEM-a Lysate	Human Epidermal Melanocyte-adult Lysate	200 µg
SC-2237	HEM-a miRNA	Human Epidermal Melanocyte-adult MicroRNA	1 µg
SC-2239	HEM-a gDNA	Human Epidermal Melanocyte-adult Genomic DNA	5 µg
SC-2252	MelGS	Melanocyte Growth Supplement	5 ml
SC-2262	MelGS-2	Melanocyte Growth Supplement-TPA-free	5 ml
SC-2300	HDF-f	Human Dermal Fibroblasts-fetal	5×10^5 cells/vial
SC-2301	FM	Fibroblast Medium	500 ml
SC-2301-b	FM-b	Fibroblast Medium-basal	500 ml
SC-2301-b-prf	FM-b-prf	Fibroblast Medium-basal-phenol red free	500 ml
SC-2301-prf	FM-prf	Fibroblast Medium-phenol red free	500 ml
SC-2304	HDF-f cDNA	Human Dermal Fibroblast-fetal cDNA	20 reactions
SC-2305	HDF-f tRNA	Human Dermal Fibroblast-fetal Total RNA	10 µg
SC-2306	HDF-f Lysate	Human Dermal Fibroblast-fetal Lysate	200 µg
SC-2307	HDF-f miRNA	Human Dermal Fibroblast-fetal MicroRNA	1 µg
SC-2309	HDF-f gDNA	Human Dermal Fibroblast-fetal Genomic DNA	5 µg
SC-2310	HDF-n	Human Dermal Fibroblasts-neonatal	5×10^5 cells/vial
SC-2311	FM-sf	Fibroblast Medium-serum free	500 ml
SC-2311-b	FM-sf-b	Fibroblast Medium-serum free-basal	500 ml
SC-2311-b-prf	FM-sf-b-prf	Fibroblast Medium-serum free-basal-phenol red free	500 ml

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2311-prf	FM-sf-prf	Fibroblast Medium-serum free-phenol red free	500 ml
SC-2314	HDF-n cDNA	Human Dermal Fibroblast-neonate cDNA	20 reactions
SC-2315	HDF-n tRNA	Human Dermal Fibroblast-neonate Total RNA	10 µg
SC-2316	HDF-n Lysate	Human Dermal Fibroblast-neonate Lysate	200 µg
SC-2317	HDF-n miRNA	Human Dermal Fibroblast-neonate MicroRNA	1 µg
SC-2319	HDF-n gDNA	Human Dermal Fibroblast-neonate Genomic DNA	5 µg
SC-2320	HDF-a	Human Dermal Fibroblasts-adult	5×10^5 cells/vial
SC-2321	FM-acf	Fibroblast Medium-animal component free	500 ml
SC-2321-b	FM-acf-b	Fibroblast Medium-animal component free-basal	500 ml
SC-2321-b-prf	FM-acf-b-prf	Fibroblast Medium-animal component free-basal-phenol red free	500 ml
SC-2321-prf	FM-acf-prf	Fibroblast Medium-animal component free-phenol red free	500 ml
SC-2324	HDF-a cDNA	Human Dermal Fibroblast-adult cDNA	20 reactions
SC-2325	HDF-a tRNA	Human Dermal Fibroblast-adult Total RNA	10 µg
SC-2326	HDF-a Lysate	Human Dermal Fibroblast-adult Lysate	200 µg
SC-2327	HDF-a miRNA	Human Dermal Fibroblast-adult MicroRNA	1 µg
SC-2329	HDF-a gDNA	Human Dermal Fibroblast-adult Genomic DNA	5 µg
SC-2331	FM-2	Fibroblast Medium-2	500 ml
SC-2331-b	FM-2 -b	Fibroblast Medium-2-basal	500 ml
SC-2331-b-prf	FM-2 -b-prf	Fibroblast Medium-2-basal-phenol red free	500 ml
SC-2331-prf	FM-2-prf	Fibroblast Medium-2-phenol red free	500 ml
SC-2350	HDF-f-mt	Human Dermal Fibroblasts-fetal-mitomycin C treated	1×10^6 cells/vial
SC-2352	FGS	Fibroblast Growth Supplement	5 ml
SC-2355	HDF-f-mt HA tRNA	Human Dermal Fibroblast-fetal-mitomycin C treated Total RNA	10 µg
SC-2356	HDF-f-mt Lysate	Human Dermal Fibroblast-fetal-mitomycin C treated Lysate	200 µg
SC-2359	HDF-f-mt gDNA	Human Dermal Fibroblast-fetal-mitomycin C treated Genomic DNA	5 µg
SC-2362	FGS-sf	Fibroblast Growth Supplement-serum free	5 ml
SC-2372	FGS-acf	Fibroblast Growth Supplement-animal component free	5 ml
SC-2382	FGS-2	Fibroblast Growth Supplement-2	5 ml
SC-2400	HHDPC	Human Hair Dermal Papilla Cells	5×10^5 cells/vial
SC-2404	HHDPC cDNA	Human Hair Dermal Papilla Cell cDNA	20 reactions
SC-2405	HHDPC tRNA	Human Hair Dermal Papilla Cell Total RNA	10 µg
SC-2406	HHDPC Lysate	Human Hair Dermal Papilla Cell Lysate	200 µg
SC-2407	HHDP miRNA	Human Hair Dermal Papilla Cell MicroRNA	1 µg
SC-2409	HHDP gDNA	Human Hair Dermal Papilla Cell Genomic DNA	5 µg
SC-2410	HHGMC	Human Hair Germinal Matrix Cells	5×10^5 cells/vial
SC-2414	HHGMC cDNA	Human Hair Germinal Matrix Cell cDNA	20 reactions
SC-2415	HHGMC tRNA	Human Hair Germinal Matrix Cell Total RNA	10 µg
SC-2416	HHGMC Lysate	Human Hair Germinal Matrix Cell Lysate	200 µg
SC-2417	HHGMC miRNA	Human Hair Germinal Matrix Cell MicroRNA	1 µg
SC-2419	HHGMC gDNA	Human Hair Germinal Matrix Cell Genomic DNA	5 µg
SC-2420	HHORSC	Human Hair Outer Root Sheath Cells	5×10^5 cells/vial
SC-2424	HHORSC cDNA	Human Hair Outer Root Sheath Cell cDNA	20 reactions
SC-2425	HHORSC tRNA	Human Hair Outer Root Sheath Cell Total RNA	10 µg
SC-2426	HHORSC Lysate	Human Hair Outer Root Sheath Cell Lysate	200 µg
SC-2427	HHORSC miRNA	Human Hair Outer Root Sheath Cell MicroRNA	1 µg
SC-2429	HHORSC gDNA	Human Hair Outer Root Sheath Cell Genomic DNA	5 µg

ScienCell products

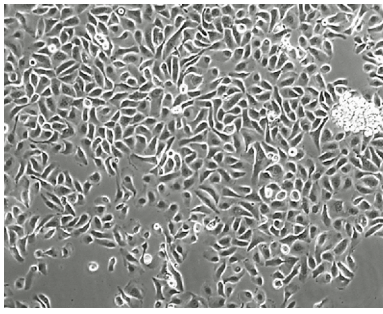
Human dermal system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2430	HHIRSC	Human Hair Inner Root Sheath Cells	5×10^5 cells/vial
SC-2434	HHIRSC cDNA	Human Hair Inner Root Sheath Cell cDNA	20 reactions
SC-2435	HHIRSC tRNA	Human Hair Inner Root Sheath Cell Total RNA	10 µg
SC-2436	HHIRSC Lysate	Human Hair Inner Root Sheath Cell Lysate	200 µg
SC-2437	HHIRSC miRNA	Human Hair Inner Root Sheath Cell MicroRNA	1 µg
SC-2439	HHIRSC gDNA	Human Hair Inner Root Sheath Cell Genomic DNA	5 µg
SC-2440	HHFK	Human Hair Follicular Keratinocytes	5×10^5 cells/vial
SC-2444	HHFK cDNA	Human Hair Follicluar Keratinocyte cDNA	20 reactions
SC-2445	HHFK tRNA	Human Hair Follicular Keratinocyte Total RNA	10 µg
SC-2446	HHFK Lysate	Human Hair Follicular Keratinocyte Lysate	200 µg
SC-2447	HHFK miRNA	Human Hair Follicular Keratinocyte MicroRNA	1 µg
SC-2449	HHFK gDNA	Human Hair Follicular Keratinocyte Genomic DNA	5 µg

Human lymphatic tissue			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2500	HLEC	Human Lymphatic Endothelial Cells	5×10^5 cells/vial
SC-2504	HLEC cDNA	Human Lymphatic Endothelial Cell cDNA	20 reactions
SC-2505	HLEC tRNA	Human Lymphatic Endothelial Cell Total RNA	10 µg
SC-2506	HLEC Lysate	Human Lymphatic Endothelial Cell Lysate	200 µg
SC-2507	HLEC miRNA	Human Lymphatic Endothelial Cell MicroRNA	1 µg
SC-2509	HLEC gDNA	Human Lymphatic Endothelial Cell Genomic DNA	5 µg
SC-2530	HLF	Human Lymphatic Fibroblasts	5×10^5 cells/vial
SC-2534	HLF cDNA	Human Lymphatic Fibroblast cDNA	20 reactions
SC-2535	HLF tRNA	Human Lymphatic Fibroblast Total RNA	10 µg
SC-2536	HLF Lysate	Human Lymphatic Fibroblast Lysate	200 µg
SC-2537	HLF miRNA	Human Lymphatic Fibroblast MicroRNA	1 µg
SC-2539	HLF gDNA	Human Lymphatic Fibroblast Genomic DNA	5 µg
SC-2540	HLyMC	Human Lymphatic Mononuclear Cells	10 million cells in 1 ml volume
SC-2550	HTEC	Human Tonsil Endothelial Cells	5×10^5 cells/vial
SC-2554	HTEC cDNA	Human Tonsil Endothelial Cell cDNA	20 reactions
SC-2555	HTEC tRNA	Human Tonsil Endothelial Cell Total RNA	5 µg
SC-2556	HTEC Lysate	Human Tonsil Endothelial Cell Lysate	200 µg
SC-2557	HTEC miRNA	Human Tonsil Endothelial Cell MicroRNA	1 µg
SC-2559	HTEC gDNA	Human Tonsil Endothelial Cell Genomic DNA	5 µg
SC-2560	HTEpiC	Human Tonsil Epithelial Cells	5×10^5 cells/vial
SC-2561	TEpiCM	Tonsil Epithelial Cell Medium	500 ml
SC-2561-b	TEpiCM-b	Tonsil Epithelial Cell Medium-basal	500 ml
SC-2561-b-prf	TEpiCM-b-prf	Tonsil Epithelial Cell Medium-basal-phenol red free	500 ml
SC-2561-prf	TEpiCM-prf	Tonsil Epithelial Cell Medium-phenol red free	500 ml
SC-2564	HTEpiC cDNA	Human Tonsil Epithelial Cell cDNA	20 reactions
SC-2565	HTF HA tRNA	Human Tonsil Epithelial Cell tRNA	10 µg
SC-2566	HTEpiC Lysate	Human Tonsil Epithelial Cell Lysate	200 µg
SC-2567	HTEpiC miRNA	Human Tonsil Epithelial Cell MicroRNA	1 µg
SC-2569	HTEpiC gDNA	Human Tonsil Epithelial Cell Genomic DNA	5 µg
SC-2570	HTF	Human Tonsil Fibroblasts	5×10^5 cells/vial

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2572	TEpiCGS	Tonsil Epithelial Cell Growth Supplement	5 ml
SC-2574	HTF cDNA	Human Tonsil Fibroblast cDNA	20 reactions
SC-2575	HTF tRNA	Human Tonsil Fibroblast Total RNA	10 µg
SC-2576	HTF Lysate	Human Tonsil Fibroblast Lysate	200 µg
SC-2577	HTF miRNA	Human Tonsil Fibroblast MicroRNA	1 µg
SC-2579	HTF gDNA	Human Tonsil Fibroblast Genomic DNA	5 µg

Human alimentary system

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2610	HOK	Human Oral Keratinocytes	5×10^5 cells/vial
SC-2611	OKM	Oral Keratinocyte Medium	500 ml
SC-2611-b	OKM-b	Oral Keratinocyte Medium-basal	500 ml
SC-2611-b-prf	OKM-b-prf	Oral Keratinocyte Medium-basal-phenol red free	500 ml
SC-2611-prf	OKM-prf	Oral Keratinocyte Medium-phenol red free	500 ml
SC-2614	HOK cDNA	Human Oral Keratinocyte cDNA	20 reactions
SC-2615	HOK tRNA	Human Oral Keratinocyte Total RNA	10 µg
SC-2616	HOK Lysate	Human Oral Keratinocyte Lysate	200 µg
SC-2617	HOK miRNA	Human Oral Keratinocyte MicroRNA	1 µg
SC-2619	HOK gDNA	Human Oral Keratinocyte Genomic DNA	5 µg
SC-2620	HGnF	Human Gingival Fibroblasts	5×10^5 cells/vial
SC-2624	HGF cDNA	Human Gingival Fibroblast cDNA	20 reactions
SC-2625	HGF tRNA	Human Gingival Fibroblast Total RNA	10 µg
SC-2626	HGF Lysate	Human Gingival Fibroblast Lysate	200 µg
SC-2627	HGF miRNA	Human Gingival Fibroblast MicroRNA	1 µg
SC-2629	HGF gDNA	Human Gingival Fibroblast Genomic DNA	5 µg
SC-2630	HPLF	Human Peridontal Ligament Fibroblasts	5×10^5 cells/vial
SC-2634	HPLF cDNA	Human Peridontal Ligament Fibroblast cDNA	20 reactions
SC-2635	HPLF tRNA	Human Peridontal Ligament Fibroblast Total RNA	10 µg
SC-2636	HPLF Lysate	Human Peridontal Ligament Fibroblast Lysate	200 µg
SC-2637	HPLF miRNA	Human Peridontal Ligament Fibroblast MicroRNA	1 µg
SC-2639	HPLF gDNA	Human Peridontal Ligament Fibroblast Genomic DNA	5 µg
SC-2640	HOrF	Human Oral Fibroblasts	5×10^5 cells/vial
SC-2644	HOrF cDNA	Human Oral Fibroblasts cDNA	20 reactions
SC-2645	HOrF tRNA	Human Oral Fibroblast Total RNA	5 µg
SC-2646	HOrF Lysate	Human Oral Fibroblast Lysate	200 µg
SC-2647	HOrF miRNA	Human Oral Fibroblast MicroRNA	1 µg
SC-2649	HOrF gDNA	Human Oral Fibroblast Genomic DNA	5 µg
SC-2652	OKGS	Oral Keratinocyte Growth Supplement	5 ml
SC-2700	HEsMEC	Human Esophageal Microvascular Endothelial Cells	5×10^5 cells/vial
SC-2704	HEsMEC cDNA	Human Esophageal Microvascular Endothelial Cell cDNA	20 reactions
SC-2705	HEsMEC tRNA	Human Esophageal Microvascular Endothelial Cell Total RNA	10 µg
SC-2706	HEsMEC Lysate	Human Esophageal Microvascular Endothelial Cell Lysate	200 µg
SC-2707	HEsMEC miRNA	Human Esophageal Microvascular Endothelial Cell MicroRNA	1 µg
SC-2709	HEsMEC gDNA	Human Esophageal Microvascular Endothelial Cell Genomic DNA	5 µg
SC-2710	HEsSMC	Human Esophageal Smooth Muscle Cells	5×10^5 cells/vial
SC-2714	HEsSMC cDNA	Human Esophageal Smooth Muscle Cell cDNA	20 reactions
SC-2715	HEsSMC tRNA	Human Esophageal Smooth Muscle Cell Total RNA	10 µg



HBEPC – Human bronchial epithelial cells

ScienCell products

Human alimentary system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2716	HEsSMC Lysate	Human Esophageal Smooth Muscle Cell Lysate	200 µg
SC-2717	HEsSMC miRNA	Human Esophageal Smooth Muscle Cell MicroRNA	1 µg
SC-2719	HEsSMC gDNA	Human Esophageal Smooth Muscle Cell Genomic DNA	5 µg
SC-2720	HEsEpiC	Human Esophageal Epithelial Cells	5×10^5 cells/vial
SC-2724	HEsEpiC cDNA	Human Esophageal Epithelial Cell cDNA	20 reactions
SC-2725	HEsEpiC tRNA	Human Esophageal Epithelial Cell Total RNA	10 µg
SC-2726	HEsEpiC Lysate	Human Esophageal Epithelial Cell Lysate	200 µg
SC-2727	HEsEpiC miRNA	Human Esophageal Epithelial Cell MicroRNA	1 µg
SC-2729	HEsEpiC gDNA	Human Esophageal Epithelial Cell Genomic DNA	5 µg
SC-2730	HEsF	Human Esophageal Fibroblasts	5×10^5 cells/vial
SC-2734	HEsF cDNA	Human Esophageal Fibroblast cDNA	20 reactions
SC-2735	HEsF tRNA	Human Esophageal Fibroblast Total RNA	10 µg
SC-2736	HEsF Lysate	Human Esophageal Fibroblast Lysate	200 µg
SC-2737	HEsF miRNA	Human Esophageal Fibroblast MicrRNA	1 µg
SC-2739	HEsF gDNA	Human Esophageal Fibroblast Genomic DNA	5 µg
SC-2810	HGSMC	Human Gastric Smooth Muscle Cells	5×10^5 cells/vial
SC-2814	HGSMC cDNA	Human Gastric Smooth Muscle Cell cDNA	20 reactions
SC-2815	HGSMC tRNA	Human Gastric Smooth Muscle Cell Total RNA	10 µg
SC-2816	HGSMC Lysate	Human Gastric Smooth Muscle Cell Lysate	200 µg
SC-2817	HGSMC miRNA	Human Gastric Smooth Muscle Cell MicroRNA	1 µg
SC-2819	HGSMC gDNA	Human Gastric Smooth Muscle Cell Genomic DNA	5 µg
SC-2830	HGF	Human Gastric Fibroblasts	5×10^5 cells/vial
SC-2834	HGF cDNA	Human Gastric Fibroblast cDNA	20 reactions
SC-2835	HGF tRNA	Human Gastric Fibroblast Total RNA	10 µg
SC-2836	HGF Lysate	Human Gastric Fibroblast Lysate	200 µg
SC-2837	HGF miRNA	Human Gastric Fibroblast MicroRNA	1 µg
SC-2839	HGF gDNA	Human Gastric Fibroblast Genomic DNA	5 µg
SC-2900	HIMEC	Human Intestinal Microvascular Endothelial Cells	5×10^5 cells/vial
SC-2904	HIMEC cDNA	Human Intestinal Microvascular Endothelial Cell cDNA	20 reactions
SC-2905	HIMEC tRNA	Human Intestinal Microvascular Endothelial Cell Total RNA	10 µg
SC-2906	HIMEC Lysate	Human Intestinal Microvascular Endothelial Cell Lysate	200 µg
SC-2907	HIMEC miRNA	Human Intestinal Microvascular Endothelial Cell MicroRNA	1 µg
SC-2909	HIMEC gDNA	Human Intestinal Microvascular Endothelial Cell Genomic DNA	5 µg
SC-2910	HISMC	Human Intestinal Smooth Muscle Cells	5×10^5 cells/vial
SC-2914	HISMC cDNA	Human Intestinal Smooth Muscle Cell cDNA	20 reactions
SC-2915	HISMC tRNA	Human Intestinal Smooth Muscle Cell Total RNA	10 µg
SC-2916	HISMCL	Human Intestinal Smooth Muscle Cell Lysate	200 µg
SC-2917	HISMC miRNA	Human Intestinal Smooth Muscle Cell MicroRNA	1 µg
SC-2919	HISMC gDNA	Human Intestinal Smooth Muscle Cell Genomic DNA	5 µg
SC-2920	HIF	Human Intestinal Fibroblasts	5×10^5 cells/vial
SC-2924	HIF cDNA	Human Intestinal Fibroblast cDNA	20 reactions
SC-2925	HIF tRNA	Human Intestinal Fibroblast Total RNA	10 µg
SC-2926	HIF Lysate	Human Intestinal Fibroblast Lysate	200 µg
SC-2927	HIF miRNA	Human Intestinal Fibroblast MicroRNA	1 µg
SC-2929	HIF gDNA	Human Intestinal Fibroblast Genomic DNA	5 µg
SC-2930	HCoMEC	Human Colonic Microvascular Endothelial Cells	5×10^5 cells/vial
SC-2934	HCoMEC cDNA	Human Colonic Microvascular Endothelial Cell cDNA	20 reactions

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-2935	HCoMEC tRNA	Human Colonic Microvascular Endothelial Cell Total RNA	10 µg
SC-2936	HCoMEC Lysate	Human Colonic Microvascular Endothelial Cell Lysate	200 µg
SC-2937	HCoMEC miRNA	Human Colonic Microvascular Endothelial Cell MicroRNA	1 µg
SC-2939	HCoMEC gDNA	Human Colonic Microvascular Endothelial Cell Genomic DNA	5 µg
SC-2940	HCoSMC	Human Colonic Smooth Muscle Cells	5×10^5 cells/vial
SC-2944	HCoSMC cDNA	Human Colonic Smooth Muscle Cell cDNA	20 reactions
SC-2945	HCoSMC tRNA	Human Colonic Smooth Muscle Cell Total RNA	10 µg
SC-2946	HCoSMC Lysate	Human Colonic Smooth Muscle Cell Lysate	200 µg
SC-2947	HCoSMC miRNA	Human Colonic Smooth Muscle Cell MicroRNA	1 µg
SC-2949	HCoSMC gDNA	Human Colonic Smooth Muscle Cell Genomic DNA	5 µg
SC-2950	HCoEpiC	Human Colonic Epithelial Cells	5×10^5 cells/vial
SC-2951	CoEpiCM	Colonic Epithelial Cell Medium	500 ml
SC-2951-b	CoEpiCM-b	Colonic Epithelial Cell Medium-basal	500 ml
SC-2951-b-prf	CoEpiCM-b-prf	Colonic Epithelial Cell Medium-basal-phenol red free	500 ml
SC-2951-prf	CoEpiCM-prf	Colonic Epithelial Cell Medium-phenol red free	500 ml
SC-2952	CoEpiCGS	Colonic Epithelial Cell Growth Supplement	5 ml
SC-2954	HCoEpiC cDNA	Human Colonic Epithelial Cell cDNA	20 reactions
SC-2955	HCoEpiC tRNA	Human Colonic Epithelial Cell Total RNA	10 µg
SC-2956	HCoEpiC Lysate	Human Colonic Epithelial Cell Lysate	200 µg
SC-2957	HCoEpiC miRNA	Human Colonic Epithelial Cell MicroRNA	1 µg
SC-2959	HCoEpiC gDNA	Human Colonic Epithelial Cells Genomic DNA	5 µg
SC-2960	HRecF	Human Rectal Fibroblasts	5×10^5 cells/vial
SC-2970	HRecMEC	Human Rectal Microvascular Endothelial Cells	5×10^5 cells/vial
SC-2974	HRecMEC cDNA	Human Rectal Microvascular Endothelial Cell cDNA	20 reactions
SC-2975	HRecMEC tRNA	Human Rectal Microvascular Endothelial Cell Total RNA	10 µg
SC-2976	HRecMEC Lysate	Human Rectal Microvascular Endothelial Cell Lysate	200 µg
SC-2977	HRecMEC miRNA	Human Rectal Microvascular Endothelial Cell MicroRNA	1 µg
SC-2980	HRecSMC	Human Rectal Smooth Muscle Cells	5×10^5 cells/vial
SC-2984	HRecSMC cDNA	Human Rectal Smooth Muscle Cell cDNA	20 reactions
SC-2985	HRecSMC tRNA	Human Rectal Smooth Muscle Cell Total RNA	10 µg
SC-2986	HRecSMC Lysate	Human Rectal Smooth Muscle Cell Lysate	200 µg
SC-2987	HRecSMC miRNA	Human Rectal Smooth Muscle Cell MicroRNA	1 µg
SC-2989	HRecSMC gDNA	Human Rectal Smooth Muscle Cell Genomic DNA	5 µg
SC-2999	HRecMEC gDNA	Human Rectal Microvascular Endothelial Cell Genomic DNA	5 µg

Human respiratory system

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-3000	HPMEC	Human Pulmonary Microvascular Endothelial Cells	5×10^5 cells/vial
SC-3004	HPMEC cDNA	Human Pulmonary Microvascular Endothelial Cell cDNA	20 reactions
SC-3005	HPMEC tRNA	Human Pulmonary Microvascular Endothelial Cell Total RNA	10 µg
SC-3006	HPMEC Lysate	Human Pulmonary Microvascular Endothelial Cell Lysate	200 µg
SC-3007	HPMEC miRNA	Human Pulmonary Microvascular Endothelial Cell MicroRNA	1 µg
SC-3009	HPMEC gDNA	Human Pulmonary Microvascular Endothelial Cell Genomic DNA	5 µg
SC-3100	HPAEC	Human Pulmonary Artery Endothelial Cells	5×10^5 cells/vial
SC-3104	HPAEC cDNA	Human Pulmonary Artery Endothelial Cell cDNA	20 reactions
SC-3105	HPAEC tRNA	Human Pulmonary Artery Endothelial Cell Total RNA	10 µg
SC-3106	HPAEC Lysate	Human Pulmonary Artery Endothelial Cell Lysate	200 µg

ScienCell products

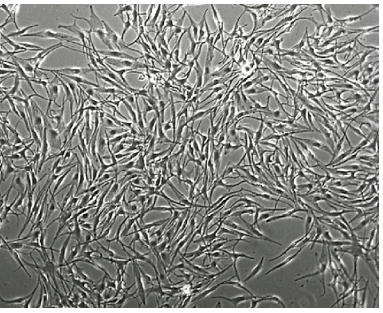
Human respiratory system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-3107	HPAEC miRNA	Human Pulmonary Artery Endothelial Cell MicroRNA	1 µg
SC-3109	HPAEC gDNA	Human Pulmonary Artery Endothelial Cell Genomic DNA	5 µg
SC-3110	HPASMC	Human Pulmonary Artery Smooth Muscle Cells	5×10^5 cells/vial
SC-3114	HPASMC cDNA	Human Pulmonary Artery Smooth Muscle Cell cDNA	20 reactions
SC-3115	HPASMC tRNA	Human Pulmonary Artery Smooth Muscle Cell Total RNA	10 µg
SC-3116	HPASMC Lysate	Human Pulmonary Artery Smooth Muscle Cell Lysate	200 µg
SC-3117	HPASMC miRNA	Human Pulmonary Artery Smooth Muscle Cell MicroRNA	1 µg
SC-3119	HPASMC gDNA	Human Pulmonary Artery Smooth Muscle Cell Genomic DNA	5 µg
SC-3120	HPAAF	Human Pulmonary Artery Adventitial Fibroblasts	5×10^5 cells/vial
SC-3124	HPAAF cDNA	Human Pulmonary Artery Adventitial Fibroblast cDNA	20 reactions
SC-3125	HPAAF tRNA	Human Pulmonary Artery Adventitial Fibroblast Total RNA	10 µg
SC-3126	HPAAF Lysate	Human Pulmonary Artery Adventitial Fibroblast Lysate	200 µg
SC-3127	HPAAF miRNA	Human Pulmonary Artery Adventitial Fibroblast MicroRNA	1 µg
SC-3129	HPAAF gDNA	Human Pulmonary Artery Adventitial Fibroblast Genomic DNA	5 µg
SC-3200	HPAEpiC	Human Pulmonary Alveolar Epithelial Cells	1×10^6 cells/vial
SC-3201	AEpiCM	Alveolar Epithelial Cell Medium	500 ml
SC-3201-b	AEpiCM-b	Alveolar Epithelial Medium-basal	500 ml
SC-3201-b-prf	AEpiCM-b-prf	Alveolar Epithelial Medium-basal-phenol red free	500 ml
SC-3201-prf	AEpiCM-prf	Alveolar Epithelial Medium-phenol red free	500 ml
SC-3204	HPAEpiC cDNA	Human Pulmonary Alveolar Epithelial Cell cDNA	20 reactions
SC-3205	HPAEpiC tRNA	Human Pulmonary Alveolar Epithelial Cell Total RNA	10 µg
SC-3206	HPAEpiC Lysate	Human Pulmonary Alveolar Epithelial Cell Lysate	200 µg
SC-3207	HPAEpiC miRNA	Human Pulmonary Alveolar Epithelial Cell MicroRNA	1 µg
SC-3209	HPAEpiC gDNA	Human Pulmonary Alveolar Epithelial Cell Genomic DNA	5 µg
SC-3210	HBEpiC	Human Bronchial Epithelial Cells	5×10^5 cells/vial
SC-3211	BEpiCM	Bronchial Epithelial Cell Medium	500 ml
SC-3211-b	BEpiCM-b	Bronchial Epithelial Cell Medium-basal	500 ml
SC-3211-b-prf	BEpiCM-b-prf	Bronchial Epithelial Cell Medium-basal-phenol red free	500 ml
SC-3211-prf	BEpiCM-prf	Bronchial Epithelial Cell Medium-phenol red free	500 ml
SC-3214	HBEpiC cDNA	Human Bronchial Epithelial Cell cDNA	20 reactions
SC-3215	HBEpiC tRNA	Human Bronchial Epithelial Cell Total RNA	10 µg
SC-3216	HBEpiC Lysate	Human Bronchial Epithelial Cell Lysate	200 µg
SC-3217	HBEpiC miRNA	Human Bronchial Epithelial Cell MicroRNA	1 µg
SC-3219	HBEpiC gDNA	Human Bronchial Epithelial Cell Genomic DNA	5 µg
SC-3220	HTEpiC	Human Tracheal Epithelial Cells	5×10^5 cells/vial
SC-3224	HTEpiC cDNA	Human Tracheal Epithelial Cell cDNA	20 reactions
SC-3225	HTEpiC tRNA	Human Tracheal Epithelial Cell Total RNA	10 µg
SC-3226	HTEpiC Lysate	Human Tracheal Epithelial Cell Lysate	200 µg
SC-3227	HTEpiC miRNA	Human Tracheal Epithelial Cell MicroRNA	1 µg
SC-3229	HTEpiC gDNA	Human Tracheal Epithelial Cell Genomic DNA	5 µg
SC-3230	HPSAEpiC	Human Small Airway Epithelial Cells	5×10^5 cells/vial
SC-3231	SAEpiCM	Small Airway Epithelial Cell Medium	500 ml
SC-3231-b	SAEpiCM-b	Small Airway Epithelial Cell Medium-basal	500 ml
SC-3231-b-prf	SAEpiCM-b-prf	Small Airway Epithelial Cell Medium-basal-phenol red free	500 ml
SC-3231-prf	SAEpiCM-prf	Small Airway Epithelial Cell Medium-phenol red free	500 ml
SC-3234	HSAEpiC cDNA	Human Small Airway Epithelial Cell cDNA	20 reactions

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-3235	HSAEpiC tRNA	Human Small Airway Epithelial Cell Total RNA	10 µg
SC-3236	HSAEpiC Lysate	Human Small Airway Epithelial Cell Lysate	200 µg
SC-3237	HSAEpiC miRNA	Human Small Airway Epithelial Cell MicroRNA	1 µg
SC-3239	HSAEpiC gDNA	Human Small Airway Epithelial Cell Genomic DNA	5 µg
SC-3262	BEpiCGS	Bronchial Epithelial Cell Growth Supplement	5 ml
SC-3272	SAEpiCSG	Small Airway Epithelial Cell Growth Supplement	5 ml
SC-3300	HPF	Human Pulmonary Fibroblasts	5×10^5 cells/vial
SC-3304	HPF cDNA	Human Pulmonary Fibroblast cDNA	20 reactions
SC-3305	HPF tRNA	Human Pulmonary Fibroblast Total RNA	10 µg
SC-3306	HPF Lysate	Human Pulmonary Fibroblast Lysate	200 µg
SC-3307	HPF miRNA	Human Pulmonary Fibroblast MicroRNA	1 µg
SC-3309	HPF gDNA	Human Pulmonary Fibroblast Genomic DNA	5 µg
SC-3310	HPF-a	Human Pulmonary Fibroblasts-adult	5×10^5 cells/vial
SC-3314	HPF-a cDNA	Human Pulmonary Fibroblast-adult cDNA	20 reactions
SC-3315	HPF-a tRNA	Human Pulmonary Fibroblast-adult Total RNA	10 µg
SC-3316	HPF-a Lysate	Human Pulmonary Fibroblast-adult Lysate	200 µg
SC-3317	HPF-a miRNA	Human Pulmonary Fibroblast-adult MicroRNA	1 µg
SC-3319	HPF-a gDNA	Human Pulmonary Fibroblast-adult Genomic DNA	5 µg
SC-3400	HBSMC	Human Bronchial Smooth Muscle Cells	5×10^5 cells/vial
SC-3404	HBSMC cDNA	Human Bronchial Smooth Muscle Cell cDNA	20 reactions
SC-3405	HBSMC tRNA	Human Bronchial Smooth Muscle Cell Total RNA	10 µg
SC-3406	HBSMC Lysate	Human Bronchial Smooth Muscle Cell Lysate	200 µg
SC-3407	HBSMC miRNA	Human Bronchial Smooth Muscle Cell MicroRNA	1 µg
SC-3409	HBSMC gDNA	Human Bronchial Smooth Muscle Cell Genomic DNA	5 µg
SC-3410	HTSMC	Human Tracheal Smooth Muscle Cells	5×10^5 cells/vial
SC-3414	HTSMC cDNA	Human Tracheal Smooth Muscle Cell cDNA	20 reactions
SC-3415	HTSMC tRNA	Human Tracheal Smooth Muscle Cell Total RNA	10 µg
SC-3416	HTSMC Lysate	Human Tracheal Smooth Muscle Cell Lysate	200 µg
SC-3417	HTSMC miRNA	Human Tracheal Smooth Muscle Cell MicroRNA	1 µg
SC-3419	HTSMC gDNA	Human Tracheal Smooth Muscle Cell Genomic DNA	5 µg
SC-3420	HBF	Human Bronchial Fibroblasts	5×10^5 cells/vial
SC-3424	HBF cDNA	Human Bronchial Fibroblast cDNA	20 reactions
SC-3425	HBF Total RNA	Human Bronchial Fibroblast Total RNA	10 µg
SC-3426	HBF Lysate	Human Bronchial Fibroblast Lysate	200 µg
SC-3427	HBF miRNA	Human Bronchial Fibroblast MicroRNA	1 µg
SC-3429	HBF gDNA	Human Bronchial Fibroblast Genomic DNA	5 µg
SC-3430	HTrF	Human Tracheal Fibroblasts	5×10^5 cells/vial
SC-3434	HTrF cDNA	Human Tracheal Fibroblast cDNA	20 reactions
SC-3435	HTrF tRNA	Human Tracheal Fibroblast Total RNA	5 µg
SC-3436	HTrF Lysate	Human Tracheal Fibroblast Lysate	200 µg
SC-3437	HTrF miRNA	Human Tracheal Fibroblast MicroRNA	1 µg
SC-3439	HTrF gDNA	Human Tracheal Fibroblast Genomic DNA	10 µg

Human musculoskeletal cells

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-3500	HSkMC	Human Skeletal Muscle Cells	5×10^5 cells/vial
SC-3501	SkMCM	Skeletal Muscle Cell Medium	500 ml

ScienCell products



HMEL – Human melanocytes

Human musculoskeletal cells			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-3501-b	SkMCM-b	Skeletal Muscle Cell Medium-basal	500 ml
SC-3501-b-prf	SkMCM-b-prf	Skeletal Muscle Cell Medium-basal-phenol red free	500 ml
SC-3501-prf	SkMCM-prf	Skeletal Muscle Cell Medium-phenol red free	500 ml
SC-3504	HSkMC cDNA	Human Skeletal Muscle Cell cDNA	20 reactions
SC-3505	HSkMC tRNA	Human Skeletal Muscle Cell Total RNA	10 µg
SC-3506	HSkMC Lysate	Human Skeletal Muscle Cell Lysate	200 µg
SC-3507	HSkMC miRNA	Human Skeletal Muscle Cell MicroRNA	1 µg
SC-3509	HSkMC gDNA	Human Skeletal Muscle Cell Genomic DNA	5 µg
SC-3510	HSkMSC	Human Skeletal Muscle Satellite Cells	5×10^5 cells/vial
SC-3514	HSkMSC cDNA	Human Skeletal Muscle Satellite Cell cDNA	20 reactions
SC-3515	HSkMSC tRNA	Human Skeletal Muscle Satellite Cell Total RNA	10 µg
SC-3516	HSkMSC Lysate	Human Skeletal Muscle Satellite Cell Lysate	200 µg
SC-3517	HSkMSC miRNA	Human Skeletal Muscle Satellite Cell MicroRNA	1 µg
SC-3519	HSkMSC gDNA	Human Skeletal Muscle Satellite Cell Genomic DNA	5 µg
SC-3520	HSkMM	Human Skeletal Muscle Myoblasts	5×10^5 cells/vial
SC-3524	HSkMM cDNA	Human Skeletal Muscle Myoblast cDNA	20 reactions
SC-3525	HSkMM tRNA	Human Skeletal Muscle Myoblast Total RNA	10 µg
SC-3526	HSkMM Lysate	Human Skeletal Muscle Myoblast Lysate	200 µg
SC-3527	HSkMM miRNA	Human Skeletal Muscle Myoblast MicroRNA	1 µg
SC-3529	HSkMM gDNA	Human Skeletal Muscle Myoblast Genomic DNA	5 µg
SC-3552	SkMCGS	Skeletal Muscle Cell Growth Supplement	5 ml
SC-3600	HAdMEC	Human Adrenal Microvascular Endothelial Cells	5×10^5 cells/vial
SC-3604	HAdMEC cDNA	Human Adrenal Microvascular Endothelial Cell cDNA	20 reactions
SC-3605	HAdMEC tRNA	Human Adrenal Microvascular Endothelial Cell Total RNA	10 µg
SC-3606	HAdMEC Lysate	Human Adrenal Microvascular Endothelial Cell Lysate	200 µg
SC-3607	HAdMEC miRNA	Human Adrenal Microvascular Endothelial Cell MicroRNA	1 µg
SC-3609	HAdMEC gDNA	Human Adrenal Microvascular Endothelial Cell Genomic DNA	5 µg
SC-3610	HAdCC	Human Adrenal Cortical Cells	5×10^5 cells/vial
SC-3614	HAdCC cDNA	Human Adrenal Cortical Cell cDNA	20 reactions
SC-3615	HAdCC tRNA	Human Adrenal Cortical Cell Total RNA	10 µg
SC-3616	HAdCC Lysate	Human Adrenal Cortical Cell Lysate	200 µg
SC-3617	HAdCC miRNA	Human Adrenal Cortical Cell MicroRNA	1 µg
SC-3619	HAdCC gDNA	Human Adrenal Cortical Cells Genomic RNA	5 µg
SC-3630	HAdF	Human Adrenal Fibroblasts	5×10^5 cells/vial
SC-3634	HAdF cDNA	Human Adrenal Fibroblast cDNA	20 reactions
SC-3635	HAdF tRNA	Human Adrenal Fibroblast Total RNA	10 µg
SC-3636	HAdF Lysate	Human Adrenal Fibroblast Lysate	200 µg
SC-3637	HAdF miRNA	Human Adrenal Fibroblast MicroRNA	1 µg
SC-3639	HAdF gDNA	Human Adrenal Fibroblast Genomic DNA	5 µg
SC-3730	HThF	Human Thyroid Fibroblasts	5×10^5 cells/vial
SC-3734	HThF cDNA	Human Thyroid Fibroblasts cDNA	20 reactions
SC-3735	HTF tRNA	Human Thyroid Fibroblasts Total RNA	10 µg
SC-3736	HThF Lysate	Human Thyroid Fibroblasts Lysate	200 µg
SC-3737	HThF miRNA	Human Thyroid Fibroblasts MicroRNA	1 µg
SC-3739	HThF gDNA	Human Thyroid Fibroblasts Genomic DNA	5 µg
SC-3800	HPaMEC	Human Pancreatic Microvascular Endothelial Cells	5×10^5 cells/vial

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-3804	HPaMEC cDNA	Human Brain Microvascular Endothelial Cell cDNA	20 reactions
SC-3805	HPaMEC tRNA	Human Brain Microvascular Endothelial Cell Total RNA	10 µg
SC-3806	HPaMEC Lysate	Human Brain Microvascular Endothelial Cell Lysate	200 µg
SC-3807	HPaMEC miRNA	Human Brain Microvascular Endothelial Cell MicroRNA	1 µg
SC-3809	HPaMEC gDNA	Human Brain Microvascular Endothelial Cell Genomic DNA	5 µg
SC-3830	HPaSteC	Human Pancreatic Stellate Cells	5×10^5 cells/vial
SC-3834	HPaSteC cDNA	Human Pancreatic Stellate Cell cDNA	20 reactions
SC-3835	HPaSteC tRNA	Human Pancreatic Stellate Cell Total RNA	10 µg
SC-3836	HPaSteC Lysate	Human Pancreatic Stellate Cell Lysate	200 µg
SC-3837	HPaSteC miRNA	Human Pancreatic Stellate Cell MicroRNA	1 µg
SC-3839	HPaSteC gDNA	Human Pancreatic Stellate Cell Genomic DNA	5 µg
SC-3910	HTyEpiC	Human Thymic Epithelial Cells	5×10^5 cells/vial
SC-3911	TyEpiCM	Thymic Epithelial Cell Medium	500 ml
SC-3911-b	TyEpiCM-b	Thymic Epithelial Cell Medium-basal	500 ml
SC-3911-b-prf	TyEpiCM-b-prf	Thymic Epithelial Cell Medium-basal-phenol red free	500 ml
SC-3911-prf	TyEpiCM-prf	Thymic Epithelial Cell Medium-phenol red free	500 ml
SC-3930	HTyF	Human Thymic Fibroblasts	5×10^5 cells/vial
SC-3934	HTyF cDNA	Human Thymic Fibroblast cDNA	20 reactions
SC-3935	HTyF tRNA	Human Thymic Fibroblast Total RNA	10 µg
SC-3936	HTyF Lysate	Human Thymic Fibroblast Lysate	200 µg
SC-3937	HTyF miRNA	Human Thymic Fibroblast MicroRNA	1 µg
SC-3939	HTyF gDNA	Human Thymic Fibroblast Genomic DNA	5 µg
SC-3962	TyEpiCGS	Thymic Epithelial Cell Growth Supplement	5 ml

Human renal/urothelial system

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-4000	HRGEC	Human Renal Glomerular Endothelial Cells	5×10^5 cells/vial
SC-4004	HRGEC cDNA	Human Renal Glomerular Endothelial Cell cDNA	20 reactions
SC-4005	HRGEC tRNA	Human Renal Glomerular Endothelial Cell Total RNA	10 µg
SC-4006	HRGEC Lysate	Human Renal Glomerular Endothelial Cell Lysate	200 µg
SC-4007	HRGEC miRNA	Human Renal Glomerular Endothelial Cell MicroRNA	1 µg
SC-4009	HRGEC gDNA	Human Renal Glomerular Endothelial Cell Genomic DNA	5 µg
SC-4100	HRPTEpiC	Human Renal Proximal Tubular Epithelial Cells	5×10^5 cells/vial
SC-4101	EpiCM	Epithelial Cell Medium	500 ml
SC-4101-b	EpiCM-b	Epithelial Cell Medium-basal	500 ml
SC-4101-b-prf	EpiCM-b-prf	Epithelial Cell Medium-basal-phenol red free	500 ml
SC-4101-prf	EpiCM-prf	Epithelial Cell Medium-phenol red free	500 ml
SC-4104	HRPTEpiC cDNA	Human Renal Proximal Tubular Epithelial Cell cDNA	20 reactions
SC-4105	HRPTEpiC tRNA	Human Renal Proximal Tubular Epithelial Cell Total RNA	10 µg
SC-4106	HRPTEpiC Lysate	Human Renal Proximal Tubular Epithelial Cell Lysate	200 µg
SC-4107	HRPTEpiC miRNA	Human Renal Proximal Tubular Epithelial Cell MicroRNA	1 µg
SC-4109	HRPTEpiC gDNA	Human Renal Proximal Tubular Epithelial Cell Genomic DNA	5 µg
SC-4110	HRCEpiC	Human Renal Coritcal Epithelial Cells	5×10^5 cells/vial
SC-4114	HRCEpiC cDNA	Human Renal Coritcal Epithelial Cell cDNA	20 reactions
SC-4115	HRCEpiC tRNA	Human Renal Coritcal Epithelial Cell Total RNA	10 µg
SC-4116	HRCEpiC Lysate	Human Renal Coritcal Epithelial Cell Lysate	200 µg
SC-4117	HRCEpiC miRNA	Human Renal Coritcal Epithelial Cell MicroRNA	1 µg

ScienCell products

Human renal/urothelial system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-4119	HRCEpiC gDNA	Human Renal Coritcal Epithelial Cell Genomic DNA	5 µg
SC-4120	HREpiC	Human Renal Epithelial Cells	5×10^5 cells/vial
SC-4121	EpiCM-2	Epithelial Cell Medium-2	500 ml
SC-4121-b	EpiCM-2-b	Epithelial Cell Medium-2-basal	500 ml
SC-4121-b-prf	EpiCM-2-b-prf	Epithelial Cell Medium-2-basal-phenol red free	500 ml
SC-4121-prf	EpiCM-2-prf	Epithelial Cell Medium-2-phenol red free	500 ml
SC-4124	HREpiC cDNA	Human Renal Epithelial Cell cDNA	20 reactions
SC-4125	HREpiC tRNA	Human Renal Epithelial Cell Total RNA	10 µg
SC-4126	HREpiC Lysate	Human Renal Epithelial Cell Lysate	200 µg
SC-4127	HREpiC miRNA	Human Renal Epithelial Cell MicroRNA	1 µg
SC-4129	HREpiC gDNA	Human Renal Epithelial Cell Genomic DNA	5 µg
SC-4131	EpiCM-a	Epithelial Cell Medium-animal	500 ml
SC-4131-b	EpiCM-a-b	Epithelial Cell Medium-animal-basal	500 ml
SC-4131-b-prf	EpiCM-a-b-prf	Epithelial Cell Medium-animal-basal-phenol red free	500 ml
SC-4131-prf	EpiCM-a-prf	Epithelial Cell Medium-animal-phenol red free	500 ml
SC-4152	EpiCGS	Epithelial Cell Growth Supplement	5 ml
SC-4162	EpiCGS-2	Epithelial Cell Growth Supplement-2	5 ml
SC-4182	EpiCGS-a	Epithelial Cell Growth Supplement-animal	5 ml
SC-4200	HRMC	Human Renal Mesangial Cells	5×10^5 cells/vial
SC-4201	MCM	Mesangial Cell Medium	500 ml
SC-4201-b	MCM-b	Mesangial Cell Medium-basal	500 ml
SC-4201-b-prf	MCM-b-prf	Mesangial Cell Medium-basal-phenol red free	500 ml
SC-4201-prf	MCM-prf	Mesangial Cell Medium-phenol red free	500 ml
SC-4204	HRMC cDNA	Human Renal Mesangial Cell cDNA	20 reactions
SC-4205	HRMC tRNA	Human Renal Mesangial Cell Yotal RNA	10 µg
SC-4206	HRMC Lysate	Human Renal Mesangial Cell Lysate	200 µg
SC-4207	HRMC miRNA	Human Renal Mesangial Cell MicroRNA	1 µg
SC-4209	HRMC gDNA	Human Renal Mesangial Cell Genomic DNA	5 µg
SC-4252	MsCGS	Mesangial Cell Growth Supplement	5 ml
SC-4300	HBdMEC	Human Bladder Microvascular Endothelial Cells	5×10^5 cells/vial
SC-4304	HBdMEC cDNA	Human Bladder Microvascular Endothelial Cell cDNA	20 reactions
SC-4305	HBdMEC tRNA	Human Bladder Microvascular Endothelial Cell Total RNA	10 µg
SC-4306	HBdMEC Lysate	Human Bladder Microvascular Endothelial Cell Lysate	200 µg
SC-4307	HBdMEC miRNA	Human Bladder Microvascular Endothelial Cell MicroRNA	1 µg
SC-4309	HBdMEC gDNA	Human Bladder Microvascular Endothelial Cell Genomic DNA	5 µg
SC-4310	HBdSMC	Human Bladder Smooth Muscle Cells	5×10^5 cells/vial
SC-4314	HBdSMC cDNA	Human Bladder Smooth Muscle Cell cDNA	20 reactions
SC-4315	HBdSMC tRNA	Human Bladder Smooth Muscle Cell Total RNA	10 µg
SC-4316	HBdSMC Lysate	Human Bladder Smooth Muscle Cell Lysate	200 µg
SC-4317	HBdSMC miRNA	Human Bladder Smooth Muscle Cell MicroRNA	1 µg
SC-4319	HBdSMC gDNA	Human Bladder Smooth Muscle Cell Genomic DNA	5 µg
SC-4320	HUC	Human Urothelial Cells	5×10^5 cells/vial
SC-4321	UCM	Urothelial Cell Medium	500 ml
SC-4321-b	UCM-b	Urothelial Cell Medium-basal	500 ml
SC-4321-b-prf	UCM-b-prf	Urothelial Cell Medium-basal-phenol red free	500 ml
SC-4321-prf	UCM-prf	Urothelial Cell Medium-phenol red free	500 ml

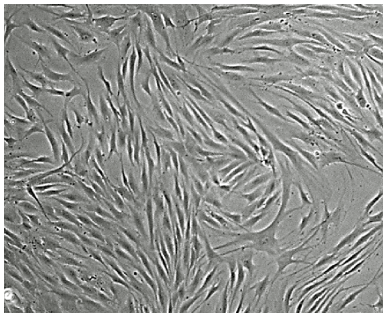
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-4324	HUC cDNA	Human Urothelial Cell cDNA	20 reactions
SC-4325	HUC tRNA	Human Urothelial Cell Total RNA	10 µg
SC-4326	HUC Lysate	Human Urothelial Cell Lysate	200 µg
SC-4327	HUC miRNA	Human Urothelial Cell MicroRNA	1 µg
SC-4329	HUC gDNA	Human Urothelial Cell Genomic DNA	5 µg
SC-4330	HBdSF	Human Bladder Stromal Fibroblasts	5×10^5 cells/vial
SC-4334	HBdSF cDNA	Human Bladder Stromal Fibroblast cDNA	20 reactions
SC-4335	HBdSF tRNA	Human Bladder Stromal Fibroblast Total RNA	10 µg
SC-4336	HBdSF Lysate	Human Bladder Stromal Fibroblast Lysate	200 µg
SC-4337	HBdSF miRNA	Human Bladder Stromal Fibroblast MicroRNA	1 µg
SC-4339	HBdSF gDNA	Human Bladder Stromal Fibroblast Genomic DNA	5 µg
SC-4352	UCGS	Urothelial Cell Growth Supplement	5 ml
SC-4400	HPrMEC	Human Prostate Microvascular Endothelial Cells	5×10^5 cells/vial
SC-4404	HPrMEC cDNA	Human Prostate Microvascular Endothelial Cell cDNA	20 reactions
SC-4405	HPrMEC tRNA	Human Prostate Microvascular Endothelial Cell Total RNA	10 µg
SC-4406	HPrMEC Lysate	Human Prostate Microvascular Endothelial Cell Lysate	200 µg
SC-4407	HPrMEC miRNA	Human Prostate Microvascular Endothelial Cell MicroRNA	1 µg
SC-4409	HPrMEC gDNA	Human Prostate Microvascular Endothelial Cell Genomic DNA	5 µg
SC-4410	HPrEpiC	Human Prostate Epithelial Cells	5×10^5 cells/vial
SC-4411	PEpiCM	Prostate Epithelial Cells Medium	500 ml
SC-4411-b	PEpiCM-b	Prostate Epithelial Cells Medium-basal	500 ml
SC-4411-b-prf	PEpiCM-b-prf	Prostate Epithelial Cells Medium-basal-phenol red free	500 ml
SC-4411-prf	PEpiCM-prf	Prostate Epithelial Cells Medium-phenol red free	500 ml
SC-4414	HPrEpiC cDNA	Human Prostate Epithelial Cells cDNA	20 reactions
SC-4415	HPrEpiC rRNA	Human Prostate Epithelial Cells Total RNA	10 µg
SC-4416	HPrEpiC Lysate	Human Prostate Epithelial Cell Lysate	200 µg
SC-4417	HPrEpiC miRNA	Human Prostate Epithelial Cell MicroRNA	1 µg
SC-4419	HPrEpiC gDNA	Human Prostate Epithelial Cell Genomic DNA	5 µg
SC-4424	HPSMC cDNA	Human Prostate Smooth Muscle Cell cDNA	20 reactions
SC-4425	HPSMC tRNA	Human Prostate Smooth Muscle Cell Total RNA	10 µg
SC-4426	HPSMC Lysate	Human Prostate Smooth Muscle Cell Lysate	200 µg
SC-4427	HPSMC miRNA	Human Prostate Smooth Muscle Cell MicroRNA	1 µg
SC-4429	HPSMC gDNA	Human Prostate Smooth Muscle Cell Genomic DNA	5 µg
SC-4430	HPrF	Human Prostate Fibroblasts	5×10^5 cells/vial
SC-4434	HPrF cDNA	Human Prostate Fibroblast cDNA	20 reactions
SC-4435	HPrF tDNA	Human Prostate Fibroblast Total RNA	10 µg
SC-4436	HPrF Lysate	Human Prostate Fibroblast Lysate	200 µg
SC-4437	HPrF miRNA	Human Prostate Fibroblast MicroRNA	1 µg
SC-4439	HPrF gDNA	Human Prostate Fibroblast Genomic DNA	5 µg
SC-4450	HSVMEC	Human Seminal Vesicle Microvascular Endothelial Cells	5×10^5 cells/vial
SC-4452	PEpiCGS	Prostate Epithelial Cell Growth Supplement	5 ml
SC-4454	HSVMEC cDNA	Human Seminal Vesicle Microvascular Endothelial Cell cDNA	20 reactions
SC-4455	HSVMEC tRNA	Human Seminal Vesicle Microvascular Endothelial Total RNA	10 µg
SC-4456	HSVMEC Lysate	Human Seminal Vesicle Microvascular Endothelial Cell Lysate	200 µg
SC-4457	HSVMEC miRNA	Human Seminal Vesicle Microvascular Endothelial Cell MicroRNA	1 µg
SC-4459	HSVMEC gDNA	Human Seminal Vesicle Microvascular Endothelial Cell Genomic DNA	5 µg

ScienCell products

Human renal/urothelial system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-4460	HSVEpiC	Human Seminal Vesicle Epithelial Cells	5×10^5 cells/vial
SC-4464	HSVEpiC cDNA	Human Seminal Vesicle Epithelial Cell cDNA	20 reactions
SC-4465	HSVEpiC tRNA	Human Seminal Vesicle Epithelial Cell Total RNA	10 µg
SC-4466	HSVEpiC Lysate	Human Seminal Vesicle Epithelial Cell Lysate	200 µg
SC-4467	HSVEpiC miRNA	Human Seminal Vesicle Epithelial Cell MicroRNA	1 µg
SC-4469	HSVEpiC gDNA	Human Seminal Vesicle Epithelial Cell Genomic DNA	5 µg
SC-4470	HSVF	Human Seminal Vesicle Fibroblasts	5×10^5 cells/vial
SC-4474	HSVF cDNA	Human Seminal Vesicle Fibroblast cDNA	20 reactions
SC-4475	HSVF tRNA	Human Seminal Vesicle Fibroblast Total RNA	10 µg
SC-4476	HSVF Lysate	Human Seminal Vesicle Fibroblast Lysate	200 µg
SC-4477	HSVF miRNA	Human Seminal Vesicle Fibroblast MicroRNA	1 µg
SC-4479	HSVF gDNA	Human Seminal Vesicle Fibroblast Genomic DNA	5 µg
SC-4500	HTEC	Human Testicular Endothelial Cells	5×10^5 cells/vial
SC-4504	HTEC cDNA	Human Testicular Endothelial Cell cDNA	20 reactions
SC-4505	HTEC tRNA	Human Testicular Endothelial Cell Total RNA	10 µg
SC-4506	HTEC Lysate	Human Testicular Endothelial Cell Lysate	200 µg
SC-4507	HTEC miRNA	Human Testicular Endothelial Cell MicroRNA	1 µg
SC-4509	HTEC gDNA	Human Testicular Endothelial Cell Genomic DNA	5 µg
SC-4510	HLC	Human Leydig Cells	5×10^5 cells/vial
SC-4511	LCM	Leydig Cell Medium	500 ml
SC-4511-b	LCM-b	Leydig Cell Medium-basal	500 ml
SC-4511-b-prf	LCM-b-prf	Leydig Cell Medium-basal-phenol red free	500 ml
SC-4511-prf	LCM-prf	Leydig Cell Medium-phenol red free	500 ml
SC-4514	HLC cDNA	Human Leydig Cell cDNA	20 reactions
SC-4515	HLC tRNA	Human Leydig Cell Total RNA	10 µg
SC-4516	HLC Lysate	Human Leydig Cell Lysate	200 µg
SC-4517	HLC miRNA	Human Leydig Cell MicroRNA	1 µg
SC-4519	HLC gDNA	Human Leydig Cell Genomic DNA	5 µg
SC-4520	HSerC	Human Sertoli Cells	5×10^5 cells/vial
SC-4521	SerCM	Sertoli Cell Medium	500 ml
SC-4521-b	SerCM-b	Sertoli Cell Medium-basal	500 ml
SC-4521-b-prf	SerCM-b-prf	Sertoli Cell Medium-basal-phenol red free	500 ml
SC-4521-prf	SerCM-prf	Sertoli Cell Medium-phenol red free	500 ml
SC-4524	HSerC cDNA	Human Sertoli Cell cDNA	20 reactions
SC-4525	HSerC tRNA	Human Sertoli Cell Total RNA	10 µg
SC-4526	HSerC Lysate	Human Sertoli Cell Lysate	200 µg
SC-4527	HSerC miRNA	Human Sertoli Cell MicroRNA	1 µg
SC-4529	HSerC gDNA	Human Sertoli Cell Genomic DNA	5 µg
SC-4562	LCGS	Leydig Cell Growth Supplement	5 ml
SC-4572	SerCGS	Sertoli Cell Growth Supplement	5 ml

Human skeletal system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-4600	HCO	Human Calvarial Osteoblasts	5×10^5 cells/vial
SC-4601	ObM	Osteoblast Medium	500 ml
SC-4601-b	ObM-b	Osteoblast Medium-basal	500 ml

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-4601-b-prf	ObM-b-prf	Osteoblast Medium-basal-phenol red free	500 ml
SC-4601-prf	ObM-prf	Osteoblast Medium-phenol red free	500 ml
SC-4604	HCO cDNA	Human Calvarial Osteoblast cDNA	20 reactions
SC-4605	HCO tRNA	Human Calvarial Osteoblast Total RNA	10 µg
SC-4606	HCO Lysate	Human Calvarial Osteoblast Lysate	200 µg
SC-4607	HCO miRNA	Human Calvarial Osteoblast MicroRNA	1 µg
SC-4609	HCO gDNA	Human Calvarial Osteoblast Genomic DNA	5 µg
SC-4610	HO-f	Human Osteoblasts-femural	5×10^5 cells/vial
SC-4611	ObMM	Osteoblast Mineralization Medium	500 ml
SC-4611-b	ObMM-b	Osteoblast Mineralization Medium	500 ml
SC-4611-prf	ObMM-prf	Osteoblast Mineralization Medium	500 ml
SC-4614	HO-f cDNA	Human Osteoblasts-femural cDNA	20 reactions
SC-4615	HO-f tRNA	Human Osteoblasts-femural Total RNA	10 µg
SC-4616	HO-f Lysate	Human Osteoblasts-femural Lysate	200 µg
SC-4617	HO-f miRNA	Human Osteoblasts-femural MicroRNA	1 µg
SC-4619	HO-f gDNA	Human Osteoblasts-femural Genomic DNA	5 µg
SC-4650	HC-a	Human Chondrocytes-articular	5×10^5 cells/vial
SC-4651	CM	Chondrocyte Medium	500 ml
SC-4651-b	CM-b	Chondrocyte Medium-basal	500 ml
SC-4651-b-prf	CM-b-prf	Chondrocyte Medium-basal-phenol red free	500 ml
SC-4651-prf	CM-prf	Chondrocyte Medium-phenol red free	500 ml
SC-4652	ObGS	Osteoblast Growth Supplement	5 ml
SC-4654	HC-a cDNA	Human Chondrocytes-articular cDNA	20 reactions
SC-4655	HC-a tRNA	Human Chondrocytes-articular Total RNA	10 µg
SC-4656	HC-a Lysate	Human Chondrocytes-articular Lysate	200 µg
SC-4657	HC-a miRNA	Human Chondrocytes-articular MicroRNA	1 µg
SC-4659	HC-a gDNA	Human Chondrocytes-articular Genomic DNA	5 µg
SC-4672	ObMS	Osteoblast Mineralization Supplement	5 ml
SC-4682	CGS	Chondrocyte Growth Supplement	5 ml
SC-4700	HS	Human Synoviocytes	5×10^5 cells/vial
SC-4701	SM	Synoviocyte Medium	500 ml
SC-4701-b	SM-b	Synoviocyte Medium-basal	500 ml
SC-4701-b-prf	SM-b-prf	Synoviocyte Medium-basal-phenol red free	500 ml
SC-4701-prf	SM-prf	Synoviocyte Medium-phenol red free	500 ml
SC-4704	HS cDNA	Human Synoviocyte cDNA	20 reactions
SC-4705	HS tRNA	Human Synoviocyte Total RNA	10 µg
SC-4706	HS Lysate	Human Synoviocyte Lysate	200 µg
SC-4707	HS miRNA	Human Synoviocyte MicroRNA	1 µg
SC-4709	HS gDNA	Human Synoviocyte Genomic DNA	5 µg
SC-4752	SGS	Synoviocyte Growth Supplement	5 ml
SC-4800	HNPC	Human Nucleus Pulposus Cells	5×10^5 cells/vial
SC-4801	NPCM	Nucleus Pulposus Cell Medium	500 ml
SC-4801-b	NPCM-b	Nucleus Pulposus Cell Medium-basal	500 ml
SC-4801-b-prf	NPCM-b-prf	Nucleus Pulposus Cell Medium-basal-phenol red free	500 ml
SC-4801-prf	NPCM-prf	Nucleus Pulposus Cell Medium-phenol red free	500 ml
SC-4804	HNPC cDNA	Human Nucleus Pulposus Cell cDNA	20 reactions
SC-4805	HNPC tRNA	Human Nucleus Pulposus Cell Total RNA	10 µg

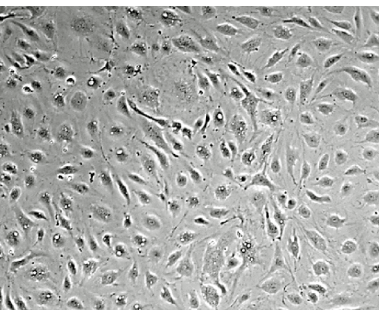


HFIB – Human fibroblasts

ScienCell products

Human skeletal system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-4806	HNPC Lysate	Human Nucleus Pulposus Cell Lysate	200 µg
SC-4807	HNPC miRNA	Human Nucleus Pulposus Cell MicroRNA	1 µg
SC-4809	HNPC gDNA	Human Nucleus Pulposus Cell Genomic DNA	5 µg
SC-4810	HAFC	Human Annulus Fibrosus Cells	5×10^5 cells/vial
SC-4814	HAFC cDNA	Human Annulus Fibrosus Cell cDNA	20 reactions
SC-4815	HAFC tRNA	Human Annulus Fibrosus Cell Total RNA	10 µg
SC-4816	HAFC Lysate	Human Annulus Fibrosus Cell Lysate	200 µg
SC-4817	HAFC miRNA	Human Annulus Fibrosus Cell MicroRNA	1 µg
SC-4819	HAFC gDNA	Human Annulus Fibrosus Cell Genomic DNA	5 µg
SC-4852	NPCGS	Nucleus Pulposus Cell Growth Supplement	5 ml

Human hepatic system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-5000	HHSEC	Human Hepatic Sinusoidal Endothelial Cells	5×10^5 cells/vial
SC-5004	HHSEC cDNA	Human Hepatic Sinusoidal Endothelial Cell cDNA	20 reactions
SC-5005	HHSEC tRNA	Human Hepatic Sinusoidal Endothelial Cell Total RNA	10 µg
SC-5006	HHSEC Lysate	Human Hepatic Sinusoidal Endothelial Cell Lysate	200 µg
SC-5007	HHSEC miRNA	Human Hepatic Sinusoidal Endothelial Cell MicroRNA	1 µg
SC-5009	HHSEC gDNA	Human Hepatic Sinusoidal Endothelial Cell Genomic DNA	5 µg
SC-5050	HLMC	Human Liver Mononuclear Cells	10 million cells in 1 ml volume
SC-5100	HIBEpiC	Human Intrahepatic Biliary Epithelial Cells	5×10^5 cells/vial
SC-5104	HIBEpiC cDNA	Human Intrahepatic Biliary Epithelial Cell cDNA	20 reactions
SC-5105	HIBEpiC tRNA	Human Intrahepatic Biliary Epithelial Cell Total RNA	10 µg
SC-5106	HIBEpiC Lysate	Human Intrahepatic Biliary Epithelial Cell Lysate	200 µg
SC-5107	HIBEpiC miRNA	Human Intrahepatic Biliary Epithelial Cell MicroRNA	1 µg
SC-5109	HIBEpiC gDNA	Human Intrahepatic Biliary Epithelial Cell Genomic DNA	5 µg
SC-5200	HH	Human Hepatocytes	1×10^6 cells/vial
SC-5200-2	HH	Human Hepatocytes	2×10^6 cells/vial
SC-5201	HM	Hepatocyte Medium	500 ml
SC-5201-b	HM-b	Hepatocyte Medium-basal	500 ml
SC-5201-b-prf	HM-b-prf	Hepatocyte Medium-basal-phenol red free	500 ml
SC-5201-prf	HM-prf	Hepatocyte Medium-phenol red free	500 ml
SC-5204	HH cDNA	Human Hepatocyte cDNA	20 reactions
SC-5205	HH tRNA	Human Hepatocyte Total RNA	10 µg
SC-5206	HH Lysate	Human Hepatocyte Lysate	200 µg
SC-5207	HH miRNA	Human Hepatocyte MicroRNA	1 µg
SC-5209	HH gDNA	Human Hepatocyte Genomic DNA	5 µg
SC-5252	HGS	Hepatocyte Growth Supplement	5 ml
SC-5300	HHSteC	Human Hepatic Stellate Cells	5×10^5 cells/vial
SC-5301	SteCM	Stellate Cell Medium	500 ml
SC-5301-b	SteCM-b	Stellate Cell Medium-basal	500 ml
SC-5301-b-prf	SteCM-b-prf	Stellate Cell Medium-basal-phenol red free	500 ml
SC-5301-prf	SteCM-prf	Stellate Cell Medium-phenol red free	500 ml
SC-5304	HHSteC cDNA	Human Hepatic Stellate Cell cDNA	20 reactions
SC-5305	HHSteC tRNA	Human Hepatic Stellate Cell Total RNA	10 µg
SC-5306	HHSteC Lysate	Human Hepatic Stellate Cell Lysate	200 µg



HMVEC – Human microvascular endothelial cells

For orders and further information: www.provitro.com, sales@provitro.com, +49.30.585 849 82

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-5307	HHSteC miRNA	Human Hepatic Stellate Cell MicroRNA	1 µg
SC-5309	HHSteC gDNA	Human Hepatic Stellate Cell Genomic DNA	5 µg
SC-5340	HHMa	Human Hepatic Macrophages	1×10^6 cells/vial
SC-5352	SteCGS	Stellate Cell Growth Supplement	5 ml
SC-5430	HGBF	Human Gallbladder Fibroblasts	5×10^5 cells/vial
SC-5434	HGBF cDNA	Human Gallbladder Fibroblast cDNA	20 reactions
SC-5435	HGBF tRNA	Human Gallbladder Fibroblast Total RNA	10 µg
SC-5436	HGBF Lysate	Human Gallbladder Fibroblast Lysate	200 µg
SC-5437	HGBF miRNA	Human Gallbladder Fibroblast MicroRNA	1 µg
SC-5439	HGBF gDNA	Human Gallbladder Fibroblasts Genomic DNA	5 µg
SC-5500	HSEC	Human Splenic Endothelial Cells	5×10^5 cells/vial
SC-5501	HemGM	HematoGro Medium	500 ml
SC-5504	HSEC cDNA	Human Splenic Endothelial Cell cDNA	20 reactions
SC-5505	HSEC tRNA	Human Splenic Endothelial Cell Total RNA	10 µg
SC-5506	HSEC Lysate	Human Splenic Endothelial Cell Lysate	200 µg
SC-5507	HSEC miRNA	Human Splenic Endothelial Cell MicroRNA	1 µg
SC-5509	HSEC gDNA	Human Splenic Endothelial Cell Genomic DNA	5 µg
SC-5521	HemGM-ACF	HematoGro Medium–Animal Component Free	500 ml
SC-5530	HSF	Human Splenic Fibroblasts	5×10^5 cells/vial
SC-5534	HSF cDNA	Human Splenic Fibroblast cDNA	20 reactions
SC-5535	HSF tRNA	Human Splenic Fibroblast Total RNA	10 µg
SC-5536	HSF Lysate	Human Splenic Fibroblast Lysate	200 µg
SC-5537	HSF mRNA	Human Splenic Fibroblast MicroRNA	1 µg
SC-5539	HSF gDNA	Human Splenic Fibroblast Genomic DNA	5 µg
SC-5801	STEMium	STEMium® Human Pluripotent Stem Cell Growth Medium	500 ml
SC-5801-b	STEMium-b	STEMium® Human Pluripotent Stem Cell Growth Medium-basal	500 ml
SC-5805	HIPSC-HDF tRNA	HDF-derived Human Induced Pluripotent Stem Cell Total RNA	10 µg
SC-5807	HIPSC-HDF miRNA	HDF-derived Human Induced Pluripotent Stem Cell (HIPSC) MicroRNA	1 µg
SC-5811	STEMium-XF	STEMium® Human Pluripotent Stem Cell Growth Medium-xeno free	500 ml
SC-5817	HIPSC-BJ miRNA	BJ-derived Human Induced Pluripotent Stem Cell (HIPSC) MicroRNA	1 µg
SC-5821	STEMium-ACF	STEMium® Human Pluripotent Stem Cell Growth Medium-animal component free	500 ml
SC-5825	HESC-H9 tRNA	Human Embryonic Stem Cell H9 Total RNA	10 µg
SC-5852	StemGS	StemGS® Human Embryonic Stem Cell Growth Supplement 50X	10 ml
SC-5862	StemGS-XF	Xenofree Human Pluripotent Stem Cell Growth Supplement 50X	10 ml
SC-5872	StemGS-ACF	Human Pluripotent Stem Cell Growth Supplement-Animal Component Free 50X	10 ml
SC-5881	MEF-cm	Mouse Embryonic Fibroblast-Conditioned Medium	100 ml
SC-5891	bFGF-std MEF-cm	bFGF-Stimulated Mouse Embryonic Fibroblast Conditioned Medium	100 ml
SC-5901	PSCCDK	Human Pluripotent Stem Cell Cardiomyocyte Differentiation Kit	50 ml
SC-5901-10	PSCCDK	Human Pluripotent Stem Cell Cardiomyocyte Differentiation Kit	10 ml
SC-5901D	CGM	Cardiomyocyte Growth Medium	250 ml
SC-5911	CSM	Cardiomyocyte Selective Medium	500 ml

ScienCell products

Human hepatic system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-5911-b	CSM	Cardiomyocyte Selective Medium-basal	500 ml
SC-5931	PSCNIM	HPSC Neural Induction Medium	500 ml
SC-5931-100	PSCNIM	HPSC Neural Induction Medium	100 ml
SC-5962	CSGS	Cardiomyocyte Selective Medium Growth Supplement	10 ml

Human cardiovascular system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-6000	HCMEC	Human Cardiac Microvascular Endothelial Cells	5×10^5 cells/vial
SC-6004	HCMEC cDNA	Human Cardiac Microvascular Endothelial Cell cDNA	20 reactions
SC-6005	HCMEC tRNA	Human Cardiac Microvascular Endothelial Cell Total RNA	10 µg
SC-6006	HCMEC Lysate	Human Cardiac Microvascular Endothelial Cell Lysate	200 µg
SC-6007	HCMEC miRNA	Human Cardiac Microvascular Endothelial Cell MicroRNA	1 µg
SC-6009	HCMEC gDNA	Human Cardiac Microvascular Endothelial Cell Genomic DNA	5 µg
SC-6020	HCAEC	Human Coronary Artery Endothelial Cells	5×10^5 cells/vial
SC-6024	HCAEC cDNA	Human Coronary Artery Endothelial Cell cDNA	20 reactions
SC-6025	HCAEC tRNA	Human Coronary Artery Endothelial Cell Total RNA	10 µg
SC-6026	HCAEC Lysate	Human Coronary Artery Endothelial Cell Lysate	200 µg
SC-6027	HCAEC miRNA	Human Coronary Artery Endothelial Cell MicroRNA	1 µg
SC-6029	HCAEC gDNA	Human Coronary Artery Endothelial Cell Genomic DNA	5 µg
SC-6100	HAEC	Human Aortic Endothelial Cells	5×10^5 cells/vial
SC-6101	CMM-sf	Cardiac Myocyte Medium-serum free	500 ml
SC-6101-b	CMM-sf-b	Cardiac Myocyte Medium-serum free-basal	500 ml
SC-6101-b-prf	CMM-sf-b-prf	Cardiac Myocyte Medium-serum free-basal-phenol red free	500 ml
SC-6101-prf	CMM-sf-prf	Cardiac Myocyte Medium-serum free-phenol red free	500 ml
SC-6104	HAEC cDNA	Human Aortic Endothelial Cell cDNA	20 reactions
SC-6105	HAEC tRNA	Human Aortic Endothelial Cell Total RNA	10 µg
SC-6106	HAEC Lysate	Human Aortic Endothelial Cell Lysate	200 µg
SC-6107	HAEC miRNA	Human Aortic Endothelial Cell MicroRNA	1 µg
SC-6109	HAEC gDNA	Human Aortic Endothelial Cell Genomic DNA	5 µg
SC-6110	HASMC	Human Aortic Smooth Muscle Cells	5×10^5 cells/vial
SC-6114	HASMC cDNA	Human Aortic Smooth Muscle Cell cDNA	20 reactions
SC-6115	HASMC tRNA	Human Aortic Smooth Muscle Cell Total RNA	10 µg
SC-6116	HASMC Lysate	Human Aortic Smooth Muscle Cell Lysate	200 µg
SC-6117	HASMC miRNA	Human Aortic Smooth Muscle Cell MicroRNA	1 µg
SC-6119	HASMC gDNA	Human Aortic Smooth Muscle Cell Genomic DNA	5 µg
SC-6120	HAAF	Human Aortic Adventitial Fibroblasts	5×10^5 cells/vial
SC-6124	HAF cDNA	Human Aortic Fibroblast cDNA	20 reactions
SC-6125	HAF tRNA	Human Aortic Fibroblast Total RNA	10 µg
SC-6126	HAF Lysate	Human Aortic Fibroblast Lysate	200 µg
SC-6127	HAF miRNA	Human Aortic Fibroblast MicroRNA	1 µg
SC-6129	HAF gDNA	Human Aortic Fibroblast Genomic DNA	5 µg
SC-6152	CMGS-sf	Cardiac Myocyte Growth Supplement-serum free	5 ml
SC-6200	HCM	Human Cardiac Myocytes	1×10^6 cells/vial
SC-6201	CMM	Cardiac Myocyte Medium	500 ml
SC-6201-b	CMM-b	Cardiac Myocyte Medium-basal	500 ml
SC-6201-b-prf	CMM-b-prf	Cardiac Myocyte Medium-basal-phenol red free	500 ml

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-6201-prf	CMM-prf	Cardiac Myocyte Medium-phenol red free	500 ml
SC-6204	HCM cDNA	Human Cardiac Myocyte cDNA	20 reactions
SC-6205	HCM tRNA	Human Cardiac Myocyte Total RNA	10 µg
SC-6206	HCM Lysate	Human Cardiac Myocyte Lysate	200 µg
SC-6207	HCM miRNA	Human Cardiac Myocyte MicroRNA	1 µg
SC-6209	HCM gDNA	Human Cardiac Myocyte Genomic DNA	5 µg
SC-6210	HCM-a	Human Cardiac Myocytes-adult	1×10^6 cells/vial
SC-6214	HCM-a cDNA	Human Cardiac Myocyte-adult cDNA	20 reactions
SC-6215	HCM-a tRNA	Human Cardiac Myocyte-adult Total RNA	10 µg
SC-6216	HCM-a Lysate	Human Cardiac Myocyte-adult Lysate	200 µg
SC-6217	HCM-a miRNA	Human Cardiac Myocyte-adult MicroRNA	1 µg
SC-6219	HCM-a gDNA	Human Cardiac Myocyte-adult Genomic DNA	5 µg
SC-6240	HPSC-CC	HPSC-derived Cardiomyocyte Cells	1.5×10^6 cells/vial
SC-6252	CMGS	Cardiac Myocyte Growth Supplement	5 ml
SC-6300	HCF	Human Cardiac Fibroblasts	5×10^5 cells/vial
SC-6304	HCF cDNA	Human Cardiac Fibroblast cDNA	20 reactions
SC-6305	HCF tRNA	Human Cardiac Fibroblast Total RNA	10 µg
SC-6306	HCF Lysate	Human Cardiac Fibroblast Lysate	200 µg
SC-6307	HCF miRNA	Human Cardiac Fibroblast MicroRNA	1 µg
SC-6309	HCF gDNA	Human Cardiac Fibroblast Genomic DNA	5 µg
SC-6310	HCF-av	Human Cardiac Fibroblasts-adult ventricular	5×10^5 cells/vial
SC-6314	HCF-av cDNA	Human Cardiac Fibroblast-adult ventrical cDNA	20 reactions
SC-6315	HCF-av tRNA	Human Cardiac Fibroblast-adult ventrical Total RNA	10 µg
SC-6316	HCF-av Lysate	Human Cardiac Fibroblast-adult ventrical Lysate	200 µg
SC-6317	HCF-av miRNa	Human Cardiac Fibroblast-adult ventrical MicroRNA	1 µg
SC-6319	HCF-av gDNA	Human Cardiac Fibroblast-adult ventrical Genomic DNA	5 µg
SC-6320	HCF-aa	Human Cardiac Fibroblasts-adult atrial	5×10^5 cells/vial
SC-6324	HCF-aa cDNA	Human Cardiac Fibroblast-adult atrial cDNA	20 reactions
SC-6325	HCF-aa tRNA	Human Cardiac Fibroblast-adult atrial Total RNA	10 µg
SC-6326	HCF-aa Lysate	Human Cardiac Fibroblast-adult atrial Lysate	200 µg
SC-6327	HCF-aa miRNA	Human Cardiac Fibroblast-adult atrial MicroRNA	1 µg
SC-6329	HCF-aa gDNA	Human Cardiac Fibroblast-adult atrial Genomic DNA	5 µg
SC-6330	HCF-a	Human Cardiac Fibroblasts-adult	5×10^5 cells/vial
SC-6334	HCF-a cDNA	Human Cardiac Fibroblast-adult cDNA	20 reactions
SC-6335	HCF-a tRNA	Human Cardiac Fibroblast-adult Total RNA	10 µg
SC-6336	HCF-a Lysate	Human Cardiac Fibroblast-adult Lysate	200 µg
SC-6337	HCF-a miRNA	Human Cardiac Fibroblast-adult MicroRNA	1 µg
SC-6339	HCF-a gDNA	Human Cardiac Fibroblasts-adult Genomic DNA	5 µg
SC-6340	HCF-fa	Human Cardiac Fibroblasts-fetal atrial	5×10^5 cells/vial
SC-6430	HPcF	Human Pericardial Fibroblasts	5×10^5 cells/vial
SC-6434	HPcF cDNA	Human Pericardial Fibroblast cDNA	20 reactions
SC-6435	HPcF tRNA	Human Pericardial Fibroblast Total RNA	10 µg
SC-6436	HPcF Lysate	Human Pericardial Fibroblast Lysate	200 µg
SC-6437	HPcF miRNA	Human Pericardial Fibroblast MicroRNA	1 µg
SC-6439	HPcF gDNA	Human Pericardial Fibroblast Genomic DNA	5 µg

ScienCell products

Human occular system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-6510	HCEpiC	Human Corneal Epithelial Cells	5×10^5 cells/vial
SC-6511	CEpiCM	Corneal Epithelial Cell Medium	500 ml
SC-6511-b	CEpiCM-b	Corneal Epithelial Cell Medium-basal	500 ml
SC-6511-b-prf	CEpiCM-b-prf	Corneal Epithelial Cell Medium-basal-phenol red free	500 ml
SC-6511-prf	CEpiCM-prf	Corneal Epithelial Cell Medium-phenol red free	500 ml
SC-6514	HCEpiC cDNA	Human Corneal Epithelial Cell cDNA	20 reactions
SC-6515	HCEpiC tRNA	Human Corneal Epithelial Cell Total RNA	10 µg
SC-6516	HCEpiC Lysate	Human Corneal Epithelial Cell Lysate	200 µg
SC-6517	HCEpiC miRNA	Human Corneal Epithelial Cell MicroRNA	1 µg
SC-6519	HCEpiC gDNA	Human Corneal Epithelial Cell Genomic DNA	5 µg
SC-6520	HK	Human Keratocytes	5×10^5 cells/vial
SC-6524	HK cDNA	Human Keratocyte cDNA	20 reactions
SC-6525	HK tRNA	Human Keratocyte Total RNA	10 µg
SC-6526	HK Lysate	Human Keratocyte Lysate	200 µg
SC-6527	HK miRNA	Human Keratocyte MicroRNA	1 µg
SC-6529	HK gDNA	Human Keratocyte Genomic DNA	5 µg
SC-6534	HREC cDNA	Human Retinal Endothelial Cell cDNA	20 reactions
SC-6535	HREC tRNA	Human Retinal Endothelial Cell Total RNA	10 µg
SC-6536	HREC Lysate	Human Retinal Endothelial Cell Lysate	200 µg
SC-6537	HREC miRNA	Human Retinal Endothelial Cell MicroRNA	1 µg
SC-6539	HREC gDNA	Human Retinal Endothelial Cell Genomic DNA	5 µg
SC-6540	HRPEpiC	Human Retinal Pigment Epithelial Cells	5×10^5 cells/vial
SC-6544	HRPEpiC cDNA	Human Retinal Pigment Epithelial Cell cDNA	20 reactions
SC-6545	HRPEpiC tRNA	Human Retinal Pigment Epithelial Cell Total RNA	10 µg
SC-6546	HRPEpiC Lysate	Human Retinal Pigment Epithelial Cell Lysate	200 µg
SC-6547	HRPEpiC miRNA	Human Retinal Pigment Epithelial Cell MicroRNA	1 µg
SC-6549	HRPEpiC gDNA	Human Retinal Pigment Epithelial Cell Genomic DNA	5 µg
SC-6550	HLEpiC	Human Lens Epithelial Cells	5×10^5 cells/vial
SC-6552	CEpiCGS	Corneal Epithelial Cell Growth Supplement	5 ml
SC-6554	HLEpiC cDNA	Human Lens Epithelial Cell cDNA	20 reactions
SC-6555	HLEpiC tRNA	Human Lens Epithelial Cell Total RNA	10 µg
SC-6556	HLEpiC Lysate	Human Lens Epithelial Cell Lysate	200 µg
SC-6557	HLEpiC miRNA	Human Lens Epithelial Cell MicroRNA	1 µg
SC-6559	HLEpiC gDNA	Human Lens Epithelial Cell Genomic DNA	5 µg
SC-6560	HIPEpiC	Human Iris Pigment Epithelial Cells	5×10^5 cells/vial
SC-6564	HIPEpiC cDNA	Human Iris Pigment Epithelial Cell cDNA	20 reactions
SC-6565	HIPEpiC tRNA	Human Iris Pigment Epithelial Cell Total RNA	10 µg
SC-6566	HIPEpiC Lysate	Human Iris Pigment Epithelial Cell Lysate	200 µg
SC-6567	HIPEpiC miRNA	Human Iris Pigment Epithelial Cell MicroRNA	1 µg
SC-6569	HIPEpiC gDNA	Human Iris Pigment Epithelial Cell Genomic DNA	5 µg
SC-6570	HConF	Human Conjunctival Fibroblasts	5×10^5 cells/vial
SC-6574	HConF cDNA	Human Conjunctival Fibroblast cDNA	20 reactions
SC-6575	HConF tRNA	Human Conjunctival Fibroblast Total RNA	10 µg
SC-6576	HConF Lysate	Human Conjunctival Fibroblast Lysate	200 µg
SC-6577	HConF miRNA	Human Conjunctival Fibroblast MicroRNA	1 µg
SC-6579	HConF gDNA	Human Conjunctival Fibroblast Genomic DNA	5 µg
SC-6580	HNPCEpiC	Human Non-Pigmented Ciliary Epithelial Cells	5×10^5 cells/vial

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-6584	HNPCEpiC cDNA	Human Non-Pigmented Ciliary Epithelial Cell cDNA	20 reactions
SC-6585	HNPCEpiC tRNA	Human Non-Pigmented Ciliary Epithelial Cell Total RNA	10 µg
SC-6586	HNPCEpiC :usate	Human Non-Pigmented Ciliary Epithelial Cell Lysate	200 µg
SC-6587	HNPCEpiC miRNA	Human Non-Pigmented Ciliary Epithelial Cell MicroRNA	1 µg
SC-6589	HNPCEpiC gDNA	Human Non-Pigmented Ciliary Epithelial Cell Genomic DNA	5 µg
SC-6590	HTMC	Human Trabecular Meshwork Cells	5×10^5 cells/vial
SC-6591	TMCM	Trabecular Meshwork Cell Medium	500 ml
SC-6591-b	TMCM-b	Trabecular Meshwork Cell Medium-basal	500 ml
SC-6591-b-prf	TMCM-b-prf	Trabecular Meshwork Cell Medium-basal-phenol red free	500 ml
SC-6591-prf	TMCM-prf	Trabecular Meshwork Cell Medium-phenol red free	500 ml
SC-6592	TMCGS	Trabecular Meshwork Cells Growth Supplement	5 ml
SC-6594	HTMC cDNA	Human Trabecular Meshwork Cell cDNA	20 reactions
SC-6595	HTMC tRNA	Human Trabecular Meshwork Cell Total RNA	10 µg
SC-6596	HTMC Lysate	Human Trabecular Meshwork Cell Lysate	200 µg
SC-6597	HTMC miRNA	Human Trabecular Meshwork Cell MicroRNA	1 µg
SC-6599	HTMC gDNA	Human Trabecular Meshwork Cell Genomic DNA	5 µg
SC-6620	HOCF	Human Ocular Choroid Fibroblasts	5×10^5 cells/vial
SC-6624	HOCF cDNA	Human Ocular Choroid Fibroblast cDNA	20 reactions
SC-6625	HOCF tRNA	Human Ocular Choroid Fibroblast Total RNA	10 µg
SC-6626	HOCF Lysate	Human Ocular Choroid Fibroblast Lysate	200 µg
SC-6627	HOCF miRNA	Human Ocular Choroid Fibroblast MicroRNA	1 µg
SC-6629	HOCF gDNA	Human Ocular Choroid Fibroblasts Genomic DNA	5 µg
SC-6630	HConEpiC	Human Conjunctival Epithelial Cells	5×10^5 cells/vial
SC-6634	HConEC cDNA	Human Conjunctival Epithelial Cell cDNA	20 reactions
SC-6635	HConEC tRNA	Human Conjunctival Epithelial Cell Total RNA	10 µg
SC-6636	HConEC Lysate	Human Conjunctival Epithelial Cell Lysate	200 µg
SC-6637	HConEC miRNA	Human Conjunctival Epithelial Cell MicroRNA	1 µg
SC-6639	HConEC gDNA	Human Conjunctival Epithelial Cell Genomic DNA	5 µg

Human reproductive system

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-7000	HMMEC	Human Myometrial Microvascular Endothelial Cells	5×10^5 cells/vial
SC-7004	HMMEC cDNA	Human Myometrial Microvascular Endothelial Cell cDNA	20 reactions
SC-7005	HMMEC tRNA	Human Myometrial Microvascular Endothelial Cell Total RNA	10 µg
SC-7006	HMMEC Lysate	Human Myometrial Microvascular Endothelial Cell Lysate	200 µg
SC-7007	HMMEC miRNA	Human Myometrial Microvascular Endothelial Cell MicroRNA	1 µg
SC-7009	HMMEC gDNA	Human Myometrial Microvascular Endothelial Cell Genomic DNA	5 µg
SC-7010	HEMEC	Human Endometrial Microvascular Endothelial Cells	5×10^5 cells/vial
SC-7014	HEMEC cDNA	Human Endometrial Microvascular Endothelial Cell cDNA	20 reactions
SC-7015	HEMEC tRNA	Human Endometrial Microvascular Endothelial Cell Total RNA	10 µg
SC-7016	HEMEC Lysate	Human Endometrial Microvascular Endothelial Cell Lysate	200 µg
SC-7017	HEMEC miRNA	Human Endometrial Microvascular Endothelial Cell MicroRNA	1 µg
SC-7019	HEMEC gDNA	Human Endometrial Microvascular Endothelial Cell Genomic DNA	5 µg
SC-7020	HMSMC	Human Myometrial Smooth Muscle Cells	5×10^5 cells/vial
SC-7024	HMSMC cDNA	Human Myometrial Smooth Muscle Cell cDNA	20 reactions
SC-7025	HMSMC tRNA	Human Myometrial Smooth Muscle Cell Total RNA	10 µg
SC-7026	HMSMC Lysate	Human Myometrial Smooth Muscle Cell Lysate	200 µg
SC-7027	HMSMC miRNA	Human Myometrial Smooth Muscle Cell MicroRNA	1 µg

ScienCell products

Human reproductive system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-7029	HMSMC gDNA	Human Myometrial Smooth Muscle Cell Genomic DNA	5 µg
SC-7040	HUF	Human Uterine Fibroblasts	5×10^5 cells/vial
SC-7044	HUF cDNA	Human Uterine Fibroblast cDNA	20 reactions
SC-7045	HUF tRNA	Human Uterine Fibroblast Total RNA	10 µg
SC-7049	HUF gDNA	Human Uterine Fibroblast Genomic DNA	5 µg
SC-7050	HCerMEC	Human Cervical Microvascular Endothelial Cells	5×10^5 cells/vial
SC-7054	HCerMEC cDNA	Human Cervical Microvascular Endothelial Cell cDNA	20 reactions
SC-7055	HCerMEC tRNA	Human Cervical Microvascular Endothelial Cell Total RNA	10 µg
SC-7059	HCerMEC gDNA	Human Cervical Microvascular Endothelial Cell Genomic DNA	5 µg
SC-7060	HCerEpiC	Human Cervical Epithelial Cells	5×10^5 cells/vial
SC-7061	CerEpiCM	Cervical Epithelial Cell Medium	500 ml
SC-7061-b	CerEpiCM-b	Cervical Epithelial Cell Medium-basal	500 ml
SC-7061-b-prf	CerEpiCM-b-prf	Cervical Epithelial Cell Medium-basal-phenol red free	500 ml
SC-7061-prf	CerEpiCM-prf	Cervical Epithelial Cell Medium-phenol red free	500 ml
SC-7062	CerEpiCGS	Cervical Epithelial Cell Growth Supplement	5 ml
SC-7100	HPVEC	Human Placental Vascular Endothelial Cells	5×10^5 cells/vial
SC-7104	HPVEC cDNA	Human Placental Vascular Endothelial Cell cDNA	20 reactions
SC-7105	HPVEC tRNA	Human Placental Vascular Endothelial Cell Total RNA	10 µg
SC-7106	HPVEC Lysate	Human Placental Vascular Endothelial Cell Lysate	200 µg
SC-7107	HPVEC miRNA	Human Placental Vascular Endothelial Cell MicroRNA	1 µg
SC-7109	HPVEC gDNA	Human Placental Vascular Endothelial Cell Genomic DNA	5 µg
SC-7110	HAEpiC	Human Amniotic Epithelial Cells	5×10^5 cells/vial
SC-7114	HAmEpiC cDNA	Human Amniotic Epithelial Cell cDNA	20 reactions
SC-7115	HAmEpiC tRNA	Human Amniotic Epithelial Cell Total RNA	10 µg
SC-7116	HAmEpiC Lysate	Human Amniotic Epithelial Cell Lysate	200 µg
SC-7117	HAmEpiC miRNA	Human Amniotic Epithelial Cell MicroRNA	1 µg
SC-7119	HAmEpiC gDNA	Human Amniotic Epithelial Cell Genomic DNA	5 µg
SC-7120	HVT	Human Villous Trophoblasts	1×10^6 cells/vial
SC-7121	TM	Trophoblast Medium	500 ml
SC-7121-b	TM-b	Trophoblast Medium-basal	500 ml
SC-7121-b-prf	TM-b-prf	Trophoblast Medium-basal-phenol red free	500 ml
SC-7121-prf	TM-prf	Trophoblast Medium-phenol red free	500 ml
SC-7124	HVT cDNA	Human Villous Trophoblast cDNA	20 reactions
SC-7125	HVT tRNA	Human Villous Trophoblast Total RNA	10 µg
SC-7126	HVT Lysate	Human Villous Trophoblast Lysate	200 µg
SC-7127	HVT miRNA	Human Villous Trophoblast MicroRNA	1 µg
SC-7129	HVT gDNA	Human Villous Trophoblast Genomic DNA	5 µg
SC-7130	HVMF	Human Villous Mesenchymal Fibroblasts	5×10^5 cells/vial
SC-7134	HVMF cDNA	Human Villous Mesenchymal Fibroblast cDNA	20 reactions
SC-7135	HVMF tRNA	Human Villous Mesenchymal Fibroblast Total RNA	10 µg
SC-7136	HVMF Lysate	Human Villous Mesenchymal Fibroblast Lysate	200 µg
SC-7137	HVMF miRNA	Human Villous Mesenchymal Fibroblast MicroRNA	1 µg
SC-7139	HVMF gDNA	Human Villous Mesenchymal Fibroblast Genomic DNA	5 µg
SC-7140	HAMSC	Human Amniotic Mesenchymal Stromal Cells	5×10^5 cells/vial
SC-7144	HAMSC cDNA	Human Amniotic Mesenchymal Stromal Cell cDNA	20 reactions
SC-7145	HAMSC tRNA	Human Amniotic Mesenchymal Stromal Cell Total RNA	10 µg

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-7146	HAMSC Lysate	Human Amniotic Mesenchymal Stromal Cell Lysate	200 µg
SC-7147	HAMSC miRNA	Human Amniotic Mesenchymal Stromal Cell MicroRNA	1 µg
SC-7149	HAMSC gDNA	Human Amniotic Mesenchymal Stromal Cell Genomic DNA	5 µg
SC-7150	HCMSC	Human Chorionic Mesenchymal Stromal Cells	5×10^5 cells/vial
SC-7152	TGS	Trophoblast Growth Supplement	5 ml
SC-7154	HCMSC cDNA	Human Chorionic Mesenchymal Stromal Cell cDNA	20 reactions
SC-7155	HCMSC tRNA	Human Chorionic Mesenchymal Stromal Cell Total RNA	10 µg
SC-7156	HCMSC Lysate	Human Chorionic Mesenchymal Stromal Cell Lysate	200 µg
SC-7157	HCMSC miRNA	Human Chorionic Mesenchymal Stromal Cell MicroRNA	1 µg
SC-7159	HCMSC gDNA	Human Chorionic Mesenchymal Stromal Cell Genomic DNA	5 µg
SC-7200	HAMEC	Human Adipose Microvascular Endothelial Cells	5×10^5 cells/vial
SC-7201	AdM	Adipocyte Medium	500 ml
SC-7201-b	AdM-b	Adipocyte Medium-basal	500 ml
SC-7201-b-prf	AdM-b-prf	Adipocyte Medium-basal-phenol red free	500 ml
SC-7201-prf	AdM-prf	Adipocyte Medium-phenol red free	500 ml
SC-7204	HAMEC cDNA	Human Adipose Microvascular Endothelial Cell cDNA	20 reactions
SC-7205	HAMEC tRNA	Human Adipose Microvascular Endothelial Cell Total RNA	10 µg
SC-7206	HAMEC Lysate	Human Adipose Microvascular Endothelial Cell Lysate	200 µg
SC-7207	HAMEC miRNA	Human Adipose Microvascular Endothelial Cell MicroRNA	1 µg
SC-7209	HAMEC gDNA	Human Adipose Microvascular Endothelial Cell Genomic DNA	5 µg
SC-7210	HPA-v	Human Preadipocytes-visceral	1×10^6 cells/vial
SC-7211	PAM	Preadipocyte Medium	500 ml
SC-7211-b	PAM-b	Preadipocyte Medium-basal	500 ml
SC-7211-b-prf	PAM-b-prf	Preadipocyte Medium-basal-phenol red free	500 ml
SC-7211-prf	PAM-prf	Preadipocyte Medium-phenol red free	500 ml
SC-7214	HPA-v cDNA	Human Preadipocyte-visceral cDNA	20 reactions
SC-7215	HPA-v tRNA	Human Preadipocyte-visceral Total RNA	10 µg
SC-7216	HPA-v Lysate	Human Preadipocyte-visceral Lysate	200 µg
SC-7217	HPA-v miRNA	Human Preadipocyte-visceral MicroRNA	1 µg
SC-7219	HPA-v gDNA	Human Preadipocyte-visceral Genomic DNA	5 µg
SC-7220	HPA-s	Human Preadipocytes-subcutaneous	1×10^6 cells/vial
SC-7221	PADM	Preadipocyte Differentiation Medium	500 ml
SC-7221-b	PADM-b	Preadipocyte Differentiation Medium-basal	500 ml
SC-7221-b-prf	PADM-b-prf	Preadipocyte Differentiation Medium-basal-phenol red free	500 ml
SC-7221-prf	PADM-prf	Preadipocyte Differentiation Medium-phenol red free	500 ml
SC-7224	HPA-s cDNA	Human Preadipocyte-subcutaneous cDNA	20 reactions
SC-7225	HPA-s tRNA	Human Preadipocyte-subcutaneous Total RNA	10 µg
SC-7226	HPA-s Lysate	Human Preadipocyte-subcutaneous Lysate	200 µg
SC-7227	HPA-s miRNA	Human Preadipocyte-subcutaneous MicroRNA	1 µg
SC-7229	HPA-s gDNA	Human Preadipocyte-subcutaneous Genomic DNA	5 µg
SC-7232	PAdDS	Preadipocyte Differentiation Supplement	5 ml
SC-7252	PAGS	Preadipocyte Growth Supplement	5 ml
SC-7262	AdGS	Adipocyte Growth Supplement	5 ml
SC-7300	HOMEC	Human Ovarian Microvascular Endothelial Cells	5×10^5 cells/vial
SC-7304	HOMEC cDNA	Human Ovarian Microvascular Endothelial Cell cDNA	20 reactions
SC-7305	HOMEC tRNA	Human Ovarian Microvascular Endothelial Cell Total RNA	10 µg
SC-7306	HOMEC Lysate	Human Ovarian Microvascular Endothelial Cell Lysate	200 µg

ScienCell products

Human reproductive system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-7307	HOMEC miRNA	Human Ovarian Microvascular Endothelial Cell MicroRNA	1 µg
SC-7309	HOMEC gDNA	Human Ovarian Microvascular Endothelial Cell Genomic DNA	5 µg
SC-7310	HOSEpiC	Human Ovarian Surface Epithelial Cells	5×10^5 cells/vial
SC-7311	OEpiCM	Ovarian Epithelial Cell Medium	500 ml
SC-7311-b	OEpiCM-b	Ovarian Epithelial Cell Medium-basal	500 ml
SC-7311-b-prf	OEpiCM-b-prf	Ovarian Epithelial Cell Medium-basal-phenol red free	500 ml
SC-7311-prf	OEpiCM-prf	Ovarian Epithelial Cell Medium-phenol red free	500 ml
SC-7314	HOSEpiC cDNA	Human Ovarian Surface Epithelial Cell cDNA	20 reactions
SC-7315	HOSEpiC tRNA	Human Ovarian Surface Epithelial Cell Total RNA	10 µg
SC-7316	HOSEpiC Lysate	Human Ovarian Surface Epithelial Cell Lysate	200 µg
SC-7317	HOSEpiC miRNA	Human Ovarian Surface Epithelial Cell MicroRNA	1 µg
SC-7319	HOSEpiC gDNA	Human Ovarian Surface Epithelial Cell Genomic DNA	5 µg
SC-7330	HOF	Human Ovarian Fibroblasts	5×10^5 cells/vial
SC-7334	HOF cDNA	Human Ovarian Fibroblast cDNA	20 reactions
SC-7335	HOF tRNA	Human Ovarian Fibroblast Total RNA	10 µg
SC-7336	HOF Lysate	Human Ovarian Fibroblast Lysate	200 µg
SC-7337	HOF miRNA	Human Ovarian Fibroblast MicroRNA	1 µg
SC-7339	HOF gDNA	Human Ovarian Fibroblast Genomic DNA	5 µg
SC-7352	OEpiCGS	Ovarian Epithelial Cell Growth Supplement	5 ml
SC-7500	HMSC-bm	Human Bone Marrow-derived Mesenchymal Stem Cells	5×10^5 cells/vial
SC-7501	MSCM	Mesenchymal Stem Cell Medium	500 ml
SC-7501-b	MSCM-b	Mesenchymal Stem Cell Medium-basal	500 ml
SC-7501-b-prf	MSCM-b-prf	Mesenchymal Stem Cell Medium-basal-phenol red free	500 ml
SC-7501-prf	MSCM-prf	Mesenchymal Stem Cell Medium-phenol red free	500 ml
SC-7504	HMSC-bm cDNA	Human Mesenchymal Stem Cell-bone marrow cDNA	20 reactions
SC-7505	HMSC-bm tRNA	Human Mesenchymal Stem Cell-bone marrow Total RNA	10 µg
SC-7506	HMSC-bm Lysate	Human Mesenchymal Stem Cell-bone marrow Lysate	200 µg
SC-7507	HMSC-bm miRNA	Human Mesenchymal Stem Cell-bone marrow MicroRNA	1 µg
SC-7509	HMSC-bm gDNA	Human Mesenchymal Stem Cell-bone marrow Genomic DNA	5 µg
SC-7510	HMSC-ad	Human Adipose-derived Mesenchymal Stem Cells	5×10^5 cells/vial
SC-7511	MSCM-sf	Mesenchymal Stem Cell Medium-serum free	500 ml
SC-7511-b	MSCM-sf-b	Mesenchymal Stem Cell Medium-serum free-basal	500 ml
SC-7511-b-prf	MSCM-sf-b-prf	Mesenchymal Stem Cell Medium-serum free-basal-phenol red free	500 ml
SC-7511-prf	MSCM-sf-prf	Mesenchymal Stem Cell Medium-serum free-phenol red free	500 ml
SC-7514	HMSC-ad cDNA	Human Mesenchymal Stem Cell-adipose cDNA	20 reactions
SC-7515	HMSC-ad tRNA	Human Mesenchymal Stem Cell-adipose Total RNA	10 µg
SC-7516	HMSC-ad Lysate	Human Mesenchymal Stem Cell-adipose Lysate	200 µg
SC-7517	HMSC-ad miRNA	Human Mesenchymal Stem Cell-adipose MicroRNA	1 µg
SC-7519	HMSC-ad gDNA	Human Mesenchymal Stem Cell-adipose Genomic DNA	5 µg
SC-7520	HMSC-he	Human Liver-derived Mesenchymal Stem Cells	5×10^5 cells/vial
SC-7521	MSCM-acf	Mesenchymal Stem Cell Medium-animal component free	500 ml
SC-7521-b	MSCM-acf-b	Mesenchymal Stem Cell Medium-animal component free-basal	500 ml
SC-7521-b-prf	MSCM-acf-b-prf	Mesenchymal Stem Cell Medium-animal component free-basal-phenol red free	500 ml
SC-7521-prf	MSCM-acf-prf	Mesenchymal Stem Cell Medium-animal component free-phenol red free	500 ml

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-7524	HMSC-he cDNA	Human Mesenchymal Stem Cell-hepatic cDNA	20 reactions
SC-7525	HMSC-he tRNA	Human Mesenchymal Stem Cell-hepatic Total RNA	10 µg
SC-7526	HMSC-he Lysate	Human Mesenchymal Stem Cell-hepatic Lysate	200 µg
SC-7527	HMSC-he miRNA	Human Mesenchymal Stem Cell-hepatic MicroRNA	1 µg
SC-7529	HMSC-he gDNA	Human Mesenchymal Stem Cell-hepatic Genomic DNA	5 µg
SC-7530	HUMSC	Human Umbilical Mesenchymal Stem Cells	5×10^5 cells/vial
SC-7531	MODM	Mesenchymal Stem Cell Osteogenic Differentiation Medium	500 ml
SC-7531-b	MODM-b	Mesenchymal Stem Cell Osteogenic Differentiation Medium-basal	500 ml
SC-7531-b-prf	MODM-b-prf	Mesenchymal Stem Cell Osteogenic Differentiation Medium-basal-phenol red free	500 ml
SC-7531-prf	MODM-prf	Mesenchymal Stem Cell Osteogenic Differentiation Medium-phenol red free	500 ml
SC-7532	MODS	Mesenchymal Stem Cell Osteogenic Differentiation Supplement	5 ml
SC-7534	HUMSC cDNA	Human Umbilical Mesenchymal Stem Cell cDNA	20 reactions
SC-7535	HUMSC tRNA	Human Umbilical Mesenchymal Stem Cell Total RNA	10 µg
SC-7536	HUMSC Lysate	Human Umbilical Mesenchymal Stem Cell Lysate	200 µg
SC-7537	HUMSC miRNA	Human Umbilical Mesenchymal Stem Cell MicroRNA	1 µg
SC-7539	HUMSC gDNA	Human Umbilical Mesenchymal Stem Cell Genomic DNA	5 µg
SC-7540	HPMSC	Human Pulmonary Mesenchymal Stem Cells	5×10^5 cells/vial
SC-7541	MADM	Mesenchymal Stem Cell Adipogenic Differentiation Medium	500 ml
SC-7541-b	MADM-b	Mesenchymal Stem Cell Adipogenic Differentiation Medium-basal	500 ml
SC-7541-b-prf	MADM-b-prf	Mesenchymal Stem Cell Adipogenic Differentiation Medium-basal-phenol red free	500 ml
SC-7541-prf	MADM-prf	Mesenchymal Stem Cell Adipogenic Differentiation Medium-phenol red free	500 ml
SC-7542	MADS	Mesenchymal Stem Cell Adipogenic Differentiation supplement	5 ml
SC-7544	HPMSC cDNA	Human Pulmonary Mesenchymal Stem Cell cDNA	20 reactions
SC-7545	HPMSC tRNA	Human Pulmonary Mesenchymal Stem Cell Total RNA	10 µg
SC-7546	HPMSC Lysate	Human Pulmonary Mesenchymal Stem Cell Lysate	200 µg
SC-7547	HPMSC miRNA	Human Pulmonary Mesenchymal Stem Cell MicroRNA	1 µg
SC-7549	HPMSC gDNA	Human Pulmonary Mesenchymal Stem Cell Genomic DNA	5 µg
SC-7550	HVMSC	Human Vertebral Mesenchymal Stem Cells	5×10^5 cells/vial
SC-7551	MCDM	Mesenchymal Stem Cell Chondrogenic Differentiation Medium	500 ml
SC-7551-b	MCDM-b	Mesenchymal Stem Cell Chondrogenic Differentiation Medium-basal	500 ml
SC-7551-b-prf	MCDM-b-prf	Mesenchymal Stem Cell Chondrogenic Differentiation Medium-basal-phenol red free	500 ml
SC-7551-prf	MCDM-prf	Mesenchymal Stem Cell Chondrogenic Differentiation Medium-phenol red free	500 ml
SC-7552	MSCGS	Mesenchymal Stem Cell Growth Supplement	5 ml
SC-7554	HVMSC cDNA	Human Vertebral Mesenchymal Stem Cell cDNA	20 reactions
SC-7555	HVMSC tRNA	Human Vertebral Mesenchymal Stem Cell Total RNA	10 µg
SC-7556	HVMSC Lysate	Human Vertebral Mesenchymal Stem Cell Lysate	200 µg
SC-7557	HVMSC miRNA	Human Vertebral Mesenchymal Stem Cell MicroRNA	1 µg
SC-7559	HVMSC gDNA	Human Vertebral Mesenchymal Stem Cell Genomic DNA	5 µg
SC-7562	MSCGS-sf	Mesenchymal Stem Cell Growth Supplement-serum free	5 ml
SC-7572	MSCGS-acf	Mesenchymal Stem Cell Growth Supplement-animal component free	5 ml

ScienCell products

Human reproductive system			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-7582	MCDS	Mesenchymal Stem Cell Chondrogenic Differentiation Supplement	5 ml
SC-7600	HMVEC	Human Mammary Vascular Endothelial Cells	5×10^5 cells/vial
SC-7604	HMVEC cDNA	Human Mammary Vascular Endothelial Cell cDNA	20 reactions
SC-7605	HMVEC tRNA	Human Mammary Vascular Endothelial Cell Total RNA	10 µg
SC-7606	HMVEC Lysate	Human Mammary Vascular Endothelial Cell Lysate	200 µg
SC-7607	HMVEC miRNA	Human Mammary Vascular Endothelial Cell MicroRNA	1 µg
SC-7609	HMVEC gDNA	Human Mammary Vascular Endothelial Cell Genomic DNA	5 µg
SC-7610	HMEpiC	Human Mammary Epithelial Cells	5×10^5 cells/vial
SC-7611	MEpiCM	Mammary Epithelial Cell Medium	500 ml
SC-7611-b	MEpiCM-b	Mammary Epithelial Cell Medium-basal	500 ml
SC-7611-b-prf	MEpiCM-b-prf	Mammary Epithelial Cell Medium-basal-phenol red free	500 ml
SC-7611-prf	MEpiCM-prf	Mammary Epithelial Cell Medium-phenol red free	500 ml
SC-7614	HMEpiC cDNA	Human Mammary Epithelial Cell cDNA	20 reactions
SC-7615	HMEpiC tRNA	Human Mammary Epithelial Cell Total RNA	10 µg
SC-7616	HMEpiC Lysate	Human Mammary Epithelial Cell Lysate	200 µg
SC-7617	HMEpiC miRNA	Human Mammary Epithelial Cell MicroRNA	1 µg
SC-7619	HMEpiC gDNA	Human Mammary Epithelial Cell Genomic DNA	5 µg
SC-7630	HMF	Human Mammary Fibroblasts	5×10^5 cells/vial
SC-7634	HMF cDNA	Human Mammary Fibroblast cDNA	20 reactions
SC-7635	HMF tRNA	Human Mammary Fibroblast Total RNA	10 µg
SC-7636	HMF Lysate	Human Mammary Fibroblast Lysate	200 µg
SC-7637	HMF miRNA	Human Mammary Fibroblast MicroRNA	1 µg
SC-7639	HMF gDNA	Human Mammary Fibroblast Genomic DNA	5 µg
SC-7652	MEpiCGS	Mammary Epithelial Cell Growth Supplement	5 ml
SC-8000	HUVEC	Human Umbilical Vein Endothelial Cells	5×10^5 cells/vial
SC-8004	HUVEC cDNA	Human Umbilical Vein Endothelial Cell cDNA	20 reactions
SC-8005	HUVEC tRNA	Human Umbilical Vein Endothelial Cell Total RNA	10 µg
SC-8006	HUVEC Lysate	Human Umbilical Vein Endothelial Cell Lysate	200 µg
SC-8007	HUVEC miRNA	Human Umbilical Vein Endothelial Cell MicroRNA	1 µg
SC-8009	HUVEC gDNA	Human Umbilical Vein Endothelial Cell Genomic DNA	5 µg
SC-8010	HUAEC	Human Umbilical Artery Endothelial Cells	5×10^5 cells/vial
SC-8014	HUAEC cDNA	Human Umbilical Artery Endothelial Cell cDNA	20 reactions
SC-8015	HUAEC tRNA	Human Umbilical Artery Endothelial Cell Total RNA	10 µg
SC-8016	HUAEC Lysate	Human Umbilical Artery Endothelial Cell Lysate	200 µg
SC-8017	HUAEC miRNA	Human Umbilical Artery Endothelial Cell MicroRNA	1 µg
SC-8019	HUAEC gDNA	Human Umbilical Artery Endothelial Cell Genomic DNA	5 µg
SC-8020	HUVSMC	Human Umbilical Vein Smooth Muscle Cells	5×10^5 cells/vial
SC-8024	HUVSMC cDNA	Human Umbilical Vein Smooth Muscle Cell cDNA	20 reactions
SC-8025	HUVSMC tRNA	Human Umbilical Vein Smooth Muscle Cell Total RNA	10 µg
SC-8026	HUVSMC Lysate	Human Umbilical Vein Smooth Muscle Cell Lysate	200 µg
SC-8027	HUVSMC miRNA	Human Umbilical Vein Smooth Muscle Cell MicroRNA	1 µg
SC-8029	HUVSMC gDNA	Human Umbilical Vein Smooth Muscle Cell Genomic DNA	5 µg
SC-8030	HUASMC	Human Umbillical Artery Smooth Muscle Cells	5×10^5 cells/vial
SC-8034	HUASMC cDNA	Human Umbillical Artery Smooth Muscle Cell cDNA	20 reactions
SC-8035	HUASMC tRNA	Human Umbillical Artery Smooth Muscle Cell Total RNA	10 µg
SC-8036	HUASMC Lysate	Human Umbillical Artery Smooth Muscle Cell Lysate	200 µg

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-8037	HUASMC miRNA	Human Umbillical Artery Smooth Muscle Cell MicroRNA	1 µg
SC-8039	HUASMC gDNA	Human Umbillical Artery Smooth Muscle Cell Genomic DNA	5 µg

Miscellaneous mammalian cells

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-B1000	BBMEC	Bovine Brain Microvasular Endothelial Cells	5×10^5 cells/vial
SC-B2300	BDF	Bovine Dermal Fibroblasts	5×10^5 cells/vial
SC-D7510	DMSC-ad	Dog Mesenchymal Stem Cells-adipose	5×10^5 cells/vial
SC-H7510	HMSC-ad	Horse Mesencyhmal Stem Cells-adipose	5×10^5 cells/vial
SC-M1200	MBVP	Mouse Brain Vascular Pericytes from CD1	5×10^5 cells/vial
SC-M1400	MMC	Mouse Meningeal Cells from CD1	5×10^5 cells/vial
SC-M1400-57	MMC	Mouse Meningeal Cells from C57BL/6	5×10^5 cells/vial
SC-M1510	MN-r	Mouse Neurons-raphe from CD1	1×10^6 cells/vial
SC-M1510-57	MN-r	Mouse Neurons-raphe from C57BL/6	1×10^6 cells/vial
SC-M1520	MN-c	Mouse Neurons-cortical from CD1	1×10^6 cells/vial
SC-M1520-57	MN-c	Mouse Neurons-cortical from C57BL/6	1×10^6 cells/vial
SC-M1530	MCGC	Mouse Cerebellar Granule Cells from CD1	1×10^6 cells/vial
SC-M1530-57	MCGC	Mouse Cerebellar Granule Cells from C57BL/6	1×10^6 cells/vial
SC-M1540	MN-h	Mouse Neurons-hippocampal from CD1	1×10^6 cells/vial
SC-M1540-57	MN-h	Mouse Neurons-hippocampal from C57BL/6	1×10^6 cells/vial
SC-M1550	MN-sn	Mouse Neurons-substania nigra from CD1	1×10^6 cells/vial
SC-M1560	MN-s	Mouse Neurons-striatal from CD1	1×10^6 cells/vial
SC-M1570	MN-vsc	Mouse Neurons-ventral spinal cord from CD1	1×10^6 cells/vial
SC-M1570-57	MN-vsc	Mouse Neurons-ventral spinal cord from C57BL/6	1×10^6 cells/vial
SC-M1580	MN-dsc	Mouse Neurons-dorsal spinal cord from CD1	1×10^6 cells/vial
SC-M1580-57	MN-dsc	Mouse Neurons-dorsal spinal cord from C57BL/6	1×10^6 cells/vial
SC-M1590	MN-sc	Mouse Neurons-spinal cord from CD1	1×10^6 cells/vial
SC-M1590-57	MN-sc	Mouse Neurons-spinal cord from C57BL/6	1×10^6 cells/vial
SC-M1700	MSC	Mouse Schwann Cells from CD1	5×10^5 cells/vial
SC-M1700-57	MSC	Mouse Schwann Cells from C57BL/6	5×10^5 cells/vial
SC-M1710	MPNF	Mouse Perineurial Fibroblasts from CD1	5×10^5 cells/vial
SC-M1710-57	MPNF	Mouse Perineurial Fibroblasts from C57BL/6	5×10^5 cells/vial
SC-M1800	MA	Mouse Astrocytes from CD1	5×10^5 cells/vial
SC-M1800-57	MA	Mouse Astrocytes from C57BL/6	5×10^5 cells/vial
SC-MA-1810	MA-c	Mouse Astrocytes-cerebellar from CD1	5×10^5 cells/vial
SC-M1810-57	MA-c	Mouse Astrocytes-cerebellar from C57BL/6	5×10^5 cells/vial
SC-M1811-57	MACM-57	Mouse Astrocyte Conditioned Medium from C57BL/6	100 ml
SC-M1811-58	MACM-57-sf	Mouse Astrocyte Conditioned Medium from C57BL/6	100 ml
SC-M1820	MA-h	Mouse Astrocytes-hippocampal from CD1	5×10^5 cells/vial
SC-M1820-57	MA-h	Mouse Astrocytes-hippocampal from C57BL/6	5×10^5 cells/vial
SC-M1830	MA-sc	Mouse Astrocytes-spinal cord from CD1	5×10^5 cells/vial
SC-M1830-57	MA-sc	Mouse Astrocytes-spinal cord from C57BL/6	5×10^5 cells/vial
SC-M1840	MA-bs	Mouse Astrocytes-brain stem from CD1	5×10^5 cells/vial
SC-M1850	MA-mb	Mouse Astrocytes-midbrain from CD1	5×10^5 cells/vial
SC-M1900-57	MM	Mouse Microglia from C57BL/6	1×10^6 cells/vial
SC-M1920	MMa-bm	Mouse Macrophages from CD1	1×10^6 cells/vial
SC-M1920-10	MMa-bm	Mouse Macrophages from CD1	1×10^7 cells/vial

ScienCell products

Miscellaneous mammalian cells			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-M1920-2	MMa-bm	Mouse Macrophages from CD1	2 x 10^6 cells/vial
SC-M1920-5	MMa-bm	Mouse Macrophages from CD1	5 × 10^6 cells/vial
SC-M1920-57	MMa-bm	Mouse Macrophages from C57BL/6	1 × 10^6 cells/vial
SC-M1930	MBMMC	Mouse Bone Marrow Mononuclear Cells from CD1	10 million cells in 1 ml volume
SC-M1930-25	MBMMC	Mouse Bone Marrow Mononuclear Cells from CD1	25 million cells in 1 ml volume
SC-M1930-57	MBMMC	Mouse Bone Marrow Mononuclear Cells from C57BL/6	10 million cells in 1 ml volume
SC-M2300-57	MDF	Mouse Dermal Fibroblasts from C57BL/6	5 × 10^5 cells/vial
SC-M2530	MLF	Mouse Lymphatic Fibroblasts from CD1	5 × 10^5 cells/vial
SC-M2530-57	MLF	Mouse Lymphatic Fibroblasts from C57BL/6	5 × 10^5 cells/vial
SC-M2540	MLMC	Mouse Lymphatic Mononuclear Cells from CD1	10 million cells in 1 ml volume
SC-M2540-57	MLMC	Mouse Lymphatic Mononuclear Cells from C57BL/6	10 million cells in 1 ml volume
SC-M2670-57	MSGF	Mouse Salivary Gland Fibroblasts from C57BL/6	5 × 10^5 cells/vial
SC-M3300-57	MPF	Mouse Pulmonary Fibroblasts from C57BL/6	5 × 10^5 cells/vial
SC-M4100	MRPTEpiC	Mouse Renal Proximal Tubular Epithelial Cells from CD1	5 × 10^5 cells/vial
SC-M4100-57	MRPTEpiC	Mouse Renal Proximal Tubular Epithelial Cells from C57BL/6	5 × 10^5 cells/vial
SC-M4200	MRMC	Mouse Renal Mesangial Cells from CD1	5 × 10^5 cells/vial
SC-M4200-57	MRMC	Mouse Renal Mesangial Cells from C57BL/6	5 × 10^5 cells/vial
SC-M5300	MHSteC	Mouse Hepatic Stellate Cells from CD1	5 × 10^5 cells/vial
SC-M5340	MHMa	Mouse Hepatic Macrophages from CD1	1 × 10^6 cells/vial
SC-M5340-57	MHMa	Mouse Hepatic Macrophages from C57BL/6	1 × 10^6 cells/vial
SC-M5540	MS	Mouse Splenocytes from CD1	10 million cells in 1 ml volume
SC-M5540-25	MS	Mouse Splenocytes from CD1	25 million cells in 1 ml volume
SC-M5540-57	MS	Mouse Splenocytes from C57BL/6	10 million cells in 1 ml volume
SC-M5550	MSMa	Mouse Splenic Macrophages from CD1	1 × 10^6 cells/vial
SC-M5550-57	MSMa	Mouse Splenic Macrophages from C57BL/6	1 × 10^6 cells/vial
SC-M6200	MCM	Mouse Cardiac Myocytes from CD1	1 × 10^6 cells/vial
SC-M6200-57	MCM	Mouse Cardiac Myocytes from C57BL/6	1 × 10^6 cells/vial
SC-M6300	MCF	Mouse Cardiac Fibroblasts from CD1	5 × 10^5 cells/vial
SC-M6300-57	MCF	Mouse Cardiac Fibroblasts from C57BL/6	5 × 10^5 cells/vial
SC-M7540	MEF	Mouse Embryonic Fibroblasts from CD1	1 × 10^6 cells/vial
SC-M7540-2-mt	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CD1	2 x 10^6 cells/vial
SC-M7540-2-mt-v10	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CD1	2 x 10^6 cells/vial. 10 vials/pk
SC-M7540-2-mt-v20	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CD1	2 x 10^6 cells/vial. 20 vials/pk
SC-M7540-2-mt-v5	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CD1	2 x 10^6 cells/vial. 5 vials/pk
SC-M7540-5	MEF	Mouse Embryonic Fibroblasts from CD1	5 × 10^6 cells/vial
SC-M7540-57	MEF	Mouse Embryonic Fibroblasts from C57BL/6	5 × 10^6 cells/vial
SC-M7540-5-mt	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CD1	5 × 10^6 cells/vial
SC-M7540-mt	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CD1	1 × 10^6 cells/vial

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-M7570	MEF	Mouse Embryonic Fibroblasts from CF1	1×10^6 cells/vial
SC-M7570-5	MEF	Mouse Embryonic Fibroblasts from CF1	5×10^6 cells/vial
SC-M7570-5-mt	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CF1	5×10^6 cells/vial
SC-M7570-mt	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin C treated from CF1	1×10^6 cells/vial
SC-P1870	PRA	Porcine Retinal Astrocytes	1×10^6 cells/vial
SC-P6510	PCEpiC	Porcine Corneal Epithelial Cells	5×10^5 cells/vial
SC-P6516	PCEpiCL	Porcine Corneal Epithelial Cells Lysate	200 µg
SC-P6540	PRPEpiC	Porcine Retinal Pigment Epithelial Cells	5×10^5 cells/vial
SC-R1000	RBMEC	Rat Brain Microvascular Endothelial Cells	5×10^5 cells/vial
SC-1021-b	ECM-r-b	Endothelial Cell Medium-rat-basal	500mL
SC-1021-b-prf	ECM-r-b-prf	Endothelial Cell Medium-rat-basal-phenol red free	500mL
SC-1021-prf	ECM-r-prf	Endothelial Cell Medium-rat-phenol red free	500mL
SC-R1200	RBVP	Rat Brain Vascular Pericytes	5×10^5 cells/vial
SC-R1220	RPC	Rat Pituitary Cells	5×10^5 cells/vial
SC-R1400	RMC	Rat Meningeal Cells	5×10^5 cells/vial
SC-R1510	RN-r	Rat Neurons-raphe	1×10^6 cells/vial
SC-R1520	RN-c	Rat Neurons-cortical	1×10^6 cells/vial
SC-R1530	RCGC	Rat Cerebellar Granule Cells	1×10^6 cells/vial
SC-R1540	RN-h	Rat Neurons-hippocampal	1×10^6 cells/vial
SC-R1550	RN-sn	Rat Neurons-subsantia nigra	1×10^6 cells/vial
SC-R1560	RN-s	Rat Neurons-striatal	1×10^6 cells/vial
SC-R1570	RN-vsc	Rat Neurons-ventral spinal cord	1×10^6 cells/vial
SC-R1580	RN-dsc	Rat Neurons-dorsal spinal cord	1×10^6 cells/vial
SC-R1590	RN-sc	Rat Neurons-spinal cord	1×10^6 cells/vial
SC-R1600	ROPC	Rat Oligodendrocyte Precursor Cells	1×10^6 cells/vial
SC-R1700	RSC	Rat Schwann Cells	5×10^5 cells/vial
SC-R1710	RPNF	Rat Perineural Fibroblasts	5×10^5 cells/vial
SC-R1800	RA	Rat Astrocytes	5×10^5 cells/vial
SC-R1810	RA-c	Rat Astrocytes-cerebellar	5×10^5 cells/vial
SC-R1811	RACM	Rat Astrocyte Conditioned Medium	100 ml
SC-R1811-sf	RACM-sf	Rat Astrocyte Conditioned Medium-Serum Free	100 ml
SC-R1820	RA-h	Rat Astrocytes-hippocampal	5×10^5 cells/vial
SC-R1860	RA-a	Rat Astrocytes-adult	5×10^5 cells/vial
SC-R1870	RA-r	Rat Retinal Astrocytes	5×10^5 cells/vial
SC-R1900	RM	Rat Microglia	1×10^6 cells/vial
SC-R1920	RMa-bm	Rat Macrophages	1×10^6 cells/vial
SC-R1920-10	RMa-bm	Rat Macrophages	10×10^6 cells/vial
SC-R1920-2	RMa-bm	Rat Macrophages	2×10^6 cells/vial
SC-R1920-5	RMa-bm	Rat Macrophages	5×10^6 cells/vial
SC-R2100	REK	Rat Epidermal Keratinocytes	5×10^5 cells/vial
SC-R2300	RDF	Rat Dermal Fibroblasts	5×10^5 cells/vial
SC-R2320	RDF-a	Rat Dermal Fibroblasts-adult	5×10^5 cells/vial
SC-R2530	RLF	Rat Lymphatic Fibroblasts	1×10^6 cells/vial
SC-R2540	RLMC	Rat Lymphatic Mononuclear Cells	10 million cells in 1 ml volume
SC-R2670	RSGF	Rat Salivary Gland Fibroblasts	5×10^5 cells/vial
SC-R3200	RPAEpiC	Rat Pulmonary Alveolar Epithelial Cells	1×10^6 cells/vial

ScienCell products

Miscellaneous mammalian cells			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-R3300	RPF	Rat Pulmonary Fibroblasts	5×10^5 cells/vial
SC-R4100	RRPTEpiC	Rat Renal Proximal Tubular Epithelial Cells	5×10^5 cells/vial
SC-R4200	RRMC	Rat Renal Mesangial Cells	5×10^5 cells/vial
SC-R5300	RHSteC	Rat Hepatic Stellate Cells	5×10^5 cells/vial
SC-R5300-a	RHSteCA	Rat Hepatic Stellate Cells Adult	5×10^5 cells/vial
SC-R5340	RHMa	Rat Hepatic Macrophage	1×10^6 cells/vial
SC-R5540	RS	Rat Splenocytes	10 million cells in 1 ml volume
SC-R5550	RSMa	Rat Splenic Macrophages	1×10^6 cells/vial
SC-R6110	RASMC	Rat Aortic Smooth Muscle Cells	5×10^5 cells/vial
SC-R6200	RCM	Rat Cardiac Myocytes	1×10^6 cells/vial
SC-R6300	RCF	Rat Cardiac Fibroblasts	5×10^5 cells/vial
SC-R6520	RK	Rat Keratocytes	5×10^5 cells/vial
SC-R6550	RLEpiC	Rat Lens Epithelial Cells	5×10^5 cells/vial
SC-R7500	RMSC-bm	Rat Mesenchymal Stem Cells-bone marrow	5×10^5 cells/vial
SC-R7500-1	RMSC-bm	Rat Mesenchymal Stem Cells-bone marrow	1×10^6 cells/vial
SC-R7540	REF	Rat Embryonic Fibroblasts	1×10^6 cells/vial

Miscellaneous assays and kits			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-0223	ARed	Alizarin Red S Staining Kit	100 ml
SC-0833	HGL PCR	Human Germ Layer Detection Kit	50 reactions
SC-0843	ORed	Oil Red O Staining Kit	100 ml/bottle - 2 bottles
SC-0853	HSC PCR	Human Stem Cell Pluripotency Detection Kit	50 reactions
SC-8008	Col	Collagen I Cell Adhesion Assay	48 tests
SC-8018	Fibro	Fibronectin Cell Adhesion Assay	48 tests
SC-8028	MT10	MTT Cell Viability & Proliferation Assay	1000 tests in 96-well plate
SC-8038	WST	WST-1 Cell Viability & Proliferation Assay	1000 tests in 96-well plate
SC-8058	CSA	Cell Senescence Assay	50 tests/35 mm plate
SC-8068	GalC	Beta-Galactosidase Colorimetric Assay	50 tests/35 mm plate
SC-8078	LDH	LDH Cytotoxicity Assay	500 tests
SC-8088	TUNEL	Colorimetric TUNEL Apoptosis Assay	50 tests
SC-8098	NO	Colorimetric Nitric Oxide Assay	250 tests
SC-8108	pNPP	Phosphatase Assay	500 tests
SC-8118	MGPA	Malachite Green Phosphate Assay	2500 tests
SC-8128	CCA	Colormetric Calcium Assay	250 tests
SC-8138	CSK	Live/Dead Staining Kit	1000 tests
SC-8148	GAPDH	Colorimetric GAPDH Assay	100 tests
SC-8158	IVTFA	In Vitro Tube Formation Assay	50 tests
SC-8168	TACA	Total Antioxidant Capacity Assay	100 tests
SC-8178	C3DGK	Collagen I-3D Gelling Kit	100 mg
SC-8188	CCCSCK	Collagen I-Cell Culture Surface Coating Kit	10 mg
SC-8198	SOD	Superoxide Dismutase Assay	100 tests
SC-8208	MYCO	Mycoplasma PCR Detection Kit	100 tests

OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-8218	CAT	Catalase Activity Assay	100 tests
SC-8228	CAS	Caspase-3 Assay	100 tests
SC-8238	GPx	Glutathione Peroxidase Assay	100 tests
SC-8248	BPF	Bovine Plasma Fibronectin	1 mg
SC-8258	ALP	Alkaline Phosphatase Activity Assay	500 tests
SC-8268	MITOISO	Mitochondria Isolation Kit	100 reactions
SC-8278	COX	Cytochrome C Oxidase Assay	100 tests
SC-8288	ALPr	Alkaline Phosphatase Staining Assay (Red)	500 tests
SC-8298	HMSC-A PCR	Human Mesenchymal Stem Cell Adipogenesis Detection Kit	50 reactions
SC-8308	LAC	L-Lactate Assay	100 tests
SC-8318	CS	Citrate Synthase Assay – 50 tests in cuvette or 250 tests in 96-well plate	
SC-8328	HMSC-C PCR	Human Mesenchymal Stem Cell Chondrogenesis Detection Kit	50 reactions
SC-8338	GLU	Glutamate Assay	100 tests
SC-8348	SafrininO	Safranin O Staining Kit	100 tests
SC-8358	GDH	Glutamate Dehydrogenase Assay	100 tests
SC-8368	NAD	NAD/NADH Assay	100 tests
SC-8378	ABlue	Alcian Blue Staining Kit	100 tests
SC-8388	PYR	Pyruvate Assay	100 tests
SC-8398	G6P	Glucose-6-phosphate Assay	100 tests
SC-8408	HK	Hexokinase Assay	100 tests
SC-8418	GL	Glucose Assay	100 tests
SC-8428	G6PDH	Glucose-6-phosphate Dehydrogenase Assay	100 tests
SC-8438	US	Uric Acid Assay	100 tests
SC-8448	IR	Iron Assay	100 tests
SC-8458	XO	Xanthine Oxidase Assay	100 tests
SC-8468	GLY	Glycerol Assay	100 tests
SC-8478	ALT	Alanine Transaminase Assay	100 tests
SC-8498	TG	Triglyceride Assay	100 tests
SC-8508	GPDH	Glycerol-3-phosphate Dehydrogenase Assay	100 tests
SC-8518	TGA	Total Glutathione Assay	100 tests
SC-8528	AA	Ammonia Assay	100 tests
SC-8548	GST	Glutathione S-transferases Assay	100 tests
SC-8558	GSH/GSSG	GSH/GSSG Ratio Assay	100 tests
SC-8568	ADH	Alcohol Dehydrogenase Assay	100 tests
SC-8578	ALDH	Aldehyde Dehydrogenase Assay	100 tests
SC-8588	CHO	Choline Assay	100 tests
SC-8598	PLD	Phospholipase D Assay	100 tests
SC-8608	AST	Aspartate Transaminase Assay	100 tests
SC-8618	CK	Creatine Kinase Assay	100 tests
SC-8628	PK	Pyruvate Kinase Assay	100 tests
SC-8638	MDH	Malate Dehydrogenase Assay	100 tests
SC-8648	Mal	Malate Assay	100 tests
SC-8658	PDH	Pyruvate dehydrogenase Assay	100 tests
SC-8668	HAT	Colorimetric Histone Acetyltransferase Activity Assay	100 tests
SC-8678	ARed-Q	Alizarin Red S Staining Quantification Assay	100 tests
SC-8688	3D-CMK	3D Collagen I Matrix Kit	25 ml
SC-8698	3D-BETF	3D Basic Embedded Tubule Formation Kit	160 tests

ScienCell products

Miscellaneous assays and kits			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-8708	3D-ETF	3D Embedded Tubule Formation Kit	N/A
SC-8718	3D-NF	3D Network Formation Assay Kit	N/A
SC-8728	3D-EPC	3D Endothelial–Pericyte Coculturing Kit	N/A
SC-8898	TRYP	Colorimetric Trypsin Activity Assay	100 tests in96-well plate
SC-8908	RHTLQ	Relative Human Telomere Length Quantification qPCR Assay Kit	100 reactions
SC-8918	AHTLQ	Absolute Human Telomere Length Quantification qPCR Assay Kit	100 reactions
SC-8928	RHMQ	Telomerase Activity Quantification qPCR Assay Kit	100 reactions
SC-8938	AHTLQ	Relative Human Mitochondrial DNA Copy Number Quantification qPCR Assay Kit	100 reactions
SC-GK991	GQH-CED	GeneQuery™ Human cDNA Evaluation Kit, Deluxe, 100 reactions	1 kit

Cytokines, chemokines, growth factors		
OFFER NO.	DESCRIPTION	SIZE
SC-1001-01	Recombinant Protein A	5 mg
SC-1001-01-1000	Recombinant Protein A	1 g
SC-1001-01-20	Recombinant Protein A	20 mg
SC-1002-01	Recombinant Protein G	5 mg
SC-1002-01-1000	Recombinant Protein G	1 g
SC-1002-01-20	Recombinant Protein G	20 mg
SC-1002-02	Recombinant Cys-Protein G	5 mg
SC-1002-02-1000	Recombinant Cys-Protein G	1 g
SC-1002-02-20	Recombinant Cys-Protein G	20 mg
SC-1003-01	Recombinant Protein A/G	5 mg
SC-1003-01-1000	Recombinant Protein A/G	1 g
SC-1003-01-20	Recombinant Protein A/G	20 mg
SC-1005-01	Recombinant Streptavidin	1 mg
SC-1005-01-1000	Recombinant Streptavidin	1 g
SC-1005-01-5	Recombinant Streptavidin	5 mg
SC-102-01	Recombinant Human Stem Cell Factor	2 µg
SC-102-01-10	Recombinant Human Stem Cell Factor	10 µg
SC-102-01-1000	Recombinant Human Stem Cell Factor	1 mg
SC-102-02	Recombinant Human Granulocyte Colony Stimulating Factor	2 µg
SC-102-02-10	Recombinant Human Granulocyte Colony Stimulating Factor	10 µg
SC-102-02-1000	Recombinant Human Granulocyte Colony Stimulating Factor	1 mg
SC-102-03	Recombinant Human Granulocyte Macrophage Colony Stimulating Factor	5 µg
SC-102-03-1000	Recombinant Human Granulocyte Macrophage Colony Stimulating Factor	1 mg
SC-102-03-20	Recombinant Human Granulocyte Macrophage Colony Stimulating Factor	20 µg
SC-102-09	Recombinant Human Macrophage Colony Stimulating Factor	2 µg
SC-102-09-100	Recombinant Human Macrophage Colony Stimulating Factor	10 µg
SC-102-09-1000	Recombinant Human Macrophage Colony Stimulating Factor	1 mg
SC-103-01	Recombinant Human Tumor Necrosis Factor-alpha	10 µg
SC-103-01-1000	Recombinant Human Tumor Necrosis Factor-alpha	1 mg
SC-103-01-50	Recombinant Human Tumor Necrosis Factor-alpha	50 µg
SC-103-01H	Recombinant Human Tumor Necrosis Factor-alpha, His	10 µg

OFFER NO.	DESCRIPTION	SIZE
SC-103-01H-1000	Recombinant Human Tumor Necrosis Factor-alpha, His	1 mg
SC-103-01H-50	Recombinant Human Tumor Necrosis Factor-alpha, His	50 µg
SC-103-01V	Recombinant Human Tumor Necrosis Factor-alpha Variant	10 µg
SC-103-01V-1000	Recombinant Human Tumor Necrosis Factor-alpha Variant	1 mg
SC-103-01V-50	Recombinant Human Tumor Necrosis Factor-alpha Variant	50 µg
SC-103-04	Recombinant Human B Cell Activating Factor	5 µg
SC-103-04-1000	Recombinant Human B Cell Activating Factor	1 mg
SC-103-04-20	Recombinant Human B Cell Activating Factor	20 µg
SC-103-08	Recombinant Human Oncostatin-M 227a.a.	2 µg
SC-103-08-10	Recombinant Human Oncostatin-M 227a.a.	10 µg
SC-103-08-1000	Recombinant Human Oncostatin-M 227a.a.	1 mg
SC-103-08T	Recombinant Human Oncostatin-M 209a.a.	2 µg
SC-103-08T-10	Recombinant Human Oncostatin-M 209a.a.	10 µg
SC-103-08T-1000	Recombinant Human Oncostatin-M 209a.a.	1 mg
SC-103-09	Recombinant Human Angiostatin K1-3	10 µg
SC-103-09-1000	Recombinant Human Angiostatin K1-3	1 mg
SC-103-09-50	Recombinant Human Angiostatin K1-3	50 µg
SC-103-12	Recombinant Human Endostatin	20 µg
SC-103-12-100	Recombinant Human Endostatin	100 µg
SC-103-12-1000	Recombinant Human Endostatin	1 mg
SC-104-01	Recombinant Human Fibroblast Growth Factor-acidic	10 µg
SC-104-01-1000	Recombinant Human Fibroblast Growth Factor-acidic	1 mg
SC-104-01-50	Recombinant Human Fibroblast Growth Factor-acidic	50 µg
SC-104-02	Recombinant Human Fibroblast Growth Factor-basic	10 µg
SC-104-02-1000	Recombinant Human Fibroblast Growth Factor-basic	1 mg
SC-104-02-50	Recombinant Human Fibroblast Growth Factor-basic	50 µg
SC-104-07	Recombinant Human Keratinocyte Growth Factor-1	2 µg
SC-104-07-10	Recombinant Human Keratinocyte Growth Factor-1	10 µg
SC-104-07-1000	Recombinant Human Keratinocyte Growth Factor-1	1 mg
SC-104-09	Recombinant Human Fibroblast Growth Factor-9	5 µg
SC-104-09-1000	Recombinant Human Fibroblast Growth Factor-9	1 mg
SC-104-09-20	Recombinant Human Fibroblast Growth Factor-9	20 µg
SC-104-10	Recombinant Human Keratinocyte Growth Factor-2	5 µg
SC-104-10-1000	Recombinant Human Keratinocyte Growth Factor-2	1 mg
SC-104-10-25	Recombinant Human Keratinocyte Growth Factor-2	25 µg
SC-104-19	Recombinant Human Fibroblast Growth Factor-19	5 µg
SC-104-19-1000	Recombinant Human Fibroblast Growth Factor-19	1 mg
SC-104-19-25	Recombinant Human Fibroblast Growth Factor-19	25 µg
SC-104-21	Recombinant Human Fibroblast Growth Factor-21	5 µg
SC-104-21-1000	Recombinant Human Fibroblast Growth Factor-21	1 mg
SC-104-21-20	Recombinant Human Fibroblast Growth Factor-21	20 µg
SC-105-01	Recombinant Human IGF-I	20 µg
SC-105-01-100	Recombinant Human IGF-I	100 µg
SC-105-01-1000	Recombinant Human IGF-I	1 mg
SC-105-01B	Recombinant Human DES (1-3) IGF-1	20 µg
SC-105-01B-100	Recombinant Human DES (1-3) IGF-1	100 µg
SC-105-01B-1000	Recombinant Human DES (1-3) IGF-1	1 mg
SC-105-01B3	Recombinant Human IGF-BP3	5 µg

ScienCell products

Cytokines, chemokines, growth factors		
OFFER NO.	DESCRIPTION	SIZE
SC-105-01B3-1000	Recombinant Human IGF-BP3	1 mg
SC-105-01B3-25	Recombinant Human IGF-BP3	25 µg
SC-105-03	Recombinant Human Long R3 Insulin-like Growth Factor-1	20 µg
SC-105-03-1000	Recombinant Human Long R3 Insulin-like Growth Factor-1	1 mg
SC-105-03-500	Recombinant Human Long R3 Insulin-like Growth Factor-1	500 µg
SC-105-04	Recombinant Human Epidermal Growth Factor	100 µg
SC-105-04-1000	Recombinant Human Epidermal Growth Factor	1 mg
SC-105-04-500	Recombinant Human Epidermal Growth Factor	500 µg
SC-105-05	Recombinant Human VEGF165	2 µg
SC-105-05-10	Recombinant Human VEGF165	10 µg
SC-105-05-1000	Recombinant Human VEGF165	1 mg
SC-106-06	Recombinant Human Interferon-gamma	20 µg
SC-106-06-1	Recombinant Human Interferon-gamma	1 mg
SC-106-06-100	Recombinant Human Interferon-gamma	100 µg
SC-107-04	Recombinant Human Neurotrophin-4	2 µg
SC-107-04-10	Recombinant Human Neurotrophin-4	10 µg
SC-107-08	Recombinant Human Ciliary Neurotrophic Factor	5 µg
SC-107-08-1000	Recombinant Human Ciliary Neurotrophic Factor	1 mg
SC-107-08-20	Recombinant Human Ciliary Neurotrophic Factor	20 µg
SC-107-10	Recombinant Human NRG-1 EGF-like domain	10 µg
SC-107-10-1000	Recombinant Human NRG-1 EGF-like domain	1 mg
SC-107-10-50	Recombinant Human NRG-1 EGF-like domain	50 µg
SC-107-11	Recombinant Human ErbB3 Fragment	5 µg
SC-107-11-1000	Recombinant Human ErbB3 Fragment	1 mg
SC-107-11-20	Recombinant Human ErbB3 Fragment	20 µg
SC-107-12	Recombinant Human Betacellulin	5 µg
SC-107-12-1000	Recombinant Human Betacellulin	1 mg
SC-107-12-20	Recombinant Human Betacellulin	20 µg
SC-108-02	Recombinant Human Bone Morphogenetic Protein-2	2 µg
SC-108-02-10	Recombinant Human Bone Morphogenetic Protein-2	10 µg
SC-108-02-1000	Recombinant Human Bone Morphogenetic Protein-2	1 mg
SC-108-04	Recombinant Human Bone Morphogenetic Protein-4	2 µg
SC-108-04-10	Recombinant Human Bone Morphogenetic Protein-4	10 µg
SC-108-04-1000	Recombinant Human Bone Morphogenetic Protein-4	1 mg
SC-108-07	Recombinant Human Bone Morphogenetic Protein-7, 2 ug	2 µg
SC-108-07-10	Recombinant Human Bone Morphogenetic Protein-7	10 µg
SC-108-07-1000	Recombinant Human Bone Morphogenetic Protein-7	1 mg
SC-108-08	Recombinant Human Osteoprotegerin/Fc Chimera	10 µg
SC-108-08-1000	Recombinant Human Osteoprotegerin/Fc Chimera	1 mg
SC-108-08-50	Recombinant Human Osteoprotegerin/Fc Chimera	50 µg
SC-108-09	Recombinant Human NOGGIN, 5 ug	5 µg
SC-108-09-1000	Recombinant Human NOGGIN	1 mg
SC-108-09-20	Recombinant Human NOGGIN	20 µg
SC-122-03	Recombinant Murine GM-CSF	5 µg
SC-122-03-1000	Recombinant Murine GM-CSF	1 mg
SC-122-03-20	Recombinant Murine GM-CSF	20 µg

OFFER NO.	DESCRIPTION	SIZE
SC-123-01	Recombinant Murine Tumor Necrosis-alpha	5 µg
SC-123-01-1000	Recombinant Murine Tumor Necrosis-alpha	1 mg
SC-123-01-20	Recombinant Murine Tumor Necrosis-alpha	20 µg
SC-123-07	Recombinant Murine Leukemia Inhibitory Factor	5 µg
SC-123-07-1000	Recombinant Murine Leukemia Inhibitory Factor	1 mg
SC-123-07-25	Recombinant Murine Leukemia Inhibitory Factor	25 µg
SC-124-02	Recombinant Murine FGF	10 µg
SC-124-02-1000	Recombinant Murine FGF	1 mg
SC-124-02-50	Recombinant Murine FGF	50 µg
SC-124-07	Recombinant Mouse Fibroblast Growth Factor-7	2 µg
SC-124-07-10	Recombinant Mouse Fibroblast Growth Factor-7	10 µg
SC-124-07-1000	Recombinant Mouse Fibroblast Growth Factor-7	1 mg
SC-125-04	Recombinant Murine EGF	100 µg
SC-125-04-1000	Recombinant Murine EGF	1 mg
SC-125-04-500	Recombinant Murine EGF	500 µg
SC-125-06	Recombinant Murine VEGF120	2 µg
SC-125-06-10	Recombinant Murine VEGF120	10 µg
SC-125-06-1000	Recombinant Murine VEGF120	1 mg
SC-125-07	Recombinant Murine VEGF165	2 µg
SC-125-07-10	Recombinant Murine VEGF165	10 µg
SC-125-07-1000	Recombinant Murine VEGF165	1 mg
SC-128-09	Recombinant Murine NOGGIN	5 µg
SC-128-09-1000	Recombinant Murine NOGGIN	1 mg
SC-128-09-20	Recombinant Murine NOGGIN	20 µg
SC-142-03	Recombinant Rat Granulocyte Macrophage Colony Stimulating Factor	5 µg
SC-142-03-1000	Recombinant Rat Granulocyte Macrophage Colony Stimulating Factor	1 mg
SC-142-03-20	Recombinant Rat Granulocyte Macrophage Colony Stimulating Factor	20 µg
SC-143-01	Recombinant Rat Tumor Necrosis Factor-alpha	5 µg
SC-143-01-1000	Recombinant Rat Tumor Necrosis Factor-alpha	1 mg
SC-143-01-20	Recombinant Rat Tumor Necrosis Factor-alpha	20 µg
SC-144-02	Recombinant Rat Fibroblast Growth Factor-basic	10 µg
SC-144-02-1000	Recombinant Rat Fibroblast Growth Factor-basic	1 mg
SC-144-02-50	Recombinant Rat Fibroblast Growth Factor-basic	50 µg
SC-145-01	Recombinant Rat IGF-1	10 µg
SC-145-01-1000	Recombinant Rat IGF-1	1 mg
SC-145-01-50	Recombinant Rat IGF-1	50 µg
SC-145-04	Recombinant Rat Epidermal Growth Factor	20 µg
SC-145-04-100	Recombinant Rat Epidermal Growth Factor	100 µg
SC-145-04-1000	Recombinant Rat Epidermal Growth Factor	1 mg
SC-154-02	Recombinant Bovine Fibroblast Growth Factor-basic	10 µg
SC-154-02-1000	Recombinant Bovine Fibroblast Growth Factor-basic	1 mg
SC-154-02-50	Recombinant Bovine Fibroblast Growth Factor-basic	50 µg
SC-221-16	Recombinant Murine CXCL16	5 µg
SC-221-16-1000	Recombinant Murine CXCL16	1 mg
SC-221-16-25	Recombinant Murine CXCL16	25 µg

ScienCell products

Cytokines, chemokines, growth factors		
OFFER NO.	DESCRIPTION	SIZE
SC-301-01	Recombinant Human Growth Hormone	20 µg
SC-301-01-1000	Recombinant Human Growth Hormone	1 mg
SC-301-01-500	Recombinant Human Growth Hormone	500 µg

ELISA kits			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-EK0301	hActA-ELISA	Human Activin A ELISA Kit	96 tests
SC-EK0305	hANG-ELISA	Human ANG ELISA Kit	96 tests
SC-EK0307	hBDNF-ELISA	Human BDNF ELISA Kit	96 tests
SC-EK0308	rBDNF-ELISA	Rat BDNF ELISA Kit	96 tests
SC-EK0309	mBDNF-ELISA	Mouse BDNF ELISA Kit	96 tests
SC-EK0310	hBMP-5-ELISA	Human BMP-5 ELISA Kit	96 tests
SC-EK0311	hBMP-2-ELISA	Human BMP-2 ELISA Kit	96 tests
SC-EK0312	rBMP-2-ELISA	Rat BMP-2 ELISA Kit	96 tests
SC-EK0313	mBMP-2-ELISA	Mouse BMP-2 ELISA Kit	96 tests
SC-EK0314	hBMP-4-ELISA	Human BMP-4 ELISA Kit	96 tests
SC-EK0325	hEGF-ELISA	Human EGF ELISA Kit	96 tests
SC-EK0326	mEGF-ELISA	Mouse EGF ELISA Kit	96 tests
SC-EK0327	hEGFR-ELISA	Human EGFR ELISA Kit	96 tests
SC-EK0333	mEPO-ELISA	Mouse EPO ELISA Kit	96 tests
SC-EK0335	hFAS-ELISA	Human FAS ELISA Kit	96 tests
SC-EK0336	mFAS-ELISA	Mouse FAS ELISA Kit	96 tests
SC-EK0337	hFASL-ELISA	Human FASL ELISA Kit	96 tests
SC-EK0348	hFGF-9-ELISA	Human FGF-9 ELISA Kit	96 tests
SC-EK0349	hFN-ELISA	Human Fibronectin ELISA Kit	96 tests
SC-EK0350	rFN-ELISA	Rat Fibronectin ELISA Kit	96 tests
SC-EK0351	mFN-ELISA	Mouse Fibronectin ELISA Kit	96 tests
SC-EK0360	hG-CSF-ELISA	Human G-CSF ELISA Kit	96 tests
SC-EK0361	mG-CSF-ELISA	Mouse G-CSF ELISA Kit	96 tests
SC-EK0362	hGDNF-ELISA	Human GDNF ELISA Kit	96 tests
SC-EK0363	rGDNF-ELISA	Rat GDNF ELISA Kit	96 tests
SC-EK0364	hGM-CSF-ELISA	Human GM-CSF ELISA Kit	96 tests
SC-EK0365	mGM-CSF-ELISA	Mouse GM-CSF ELISA Kit	96 tests
SC-EK0366	rGM-CSF-ELISA	Rat GM-CSF ELISA Kit	96 tests
SC-EK0369	hHGF-ELISA	Human HGF ELISA Kit	96 tests
SC-EK0370	hICAM-1-ELISA	Human ICAM-1 ELISA Kit	96 tests
SC-EK0371	mICAM-1-ELISA	Mouse ICAM-1 ELISA Kit	96 tests
SC-EK0372	rICAM-1-ELISA	Rat ICAM-1 ELISA Kit	96 tests
SC-EK0373	hIFN-γ-ELISA	Human IFN-γ ELISA Kit	96 tests
SC-EK0374	rIFN-γ-ELISA	Rat IFN-γ ELISA Kit	96 tests
SC-EK0375	mIFN-γ-ELISA	Mouse IFN-γ ELISA Kit	96 tests
SC-EK0376	hIGF-1-ELISA	Human IGF-1 ELISA Kit	96 tests
SC-EK0377	rIGF-1-ELISA	Rat IGF-1 ELISA Kit	96 tests
SC-EK0378	mIGF-1-ELISA	Mouse IGF-1 ELISA Kit	96 tests
SC-EK0380	rIGF-2-ELISA	Rat IGF-2 ELISA Kit	96 tests
SC-EK0381	mIGF-2-ELISA	Mouse IGF-2 ELISA Kit	96 tests
SC-EK0382	hIGFBP-ELISA	Human IGFBP-1 ELISA Kit	96 tests

OFFER NO.		DESCRIPTION	SIZE
SC-EK0383	mIGFBP-1-ELISA	Mouse IGFBP-1 ELISA Kit	96 tests
SC-EK0386	hIGFBP-3-ELISA	Human IGFBP-3 ELISA Kit	96 tests
SC-EK0387	mIGFBP-3-ELISA	Mouse IGFBP-3 ELISA Kit	96 tests
SC-EK0389	hIL-1a-ELISA	Human IL-1α ELISA Kit	96 tests
SC-EK0390	rIL-1a-ELISA	Rat IL-1α ELISA Kit	96 tests
SC-EK0391	mIL-1α-ELISA	Mouse IL-1α ELISA Kit	96 tests
SC-EK0392	hIL-1α-ELISA	Human IL-1α ELISA Kit	96 tests
SC-EK0393	rIL-1α-ELISA	Rat IL-1α ELISA Kit	96 tests
SC-EK0394	mIL-1α-ELISA	Mouse IL-1α ELISA Kit	96 tests
SC-EK0397	hIL-2-ELISA	Human IL-2 ELISA Kit	96 tests
SC-EK0398	mIL-2-ELISA	Mouse IL-2 ELISA Kit	96 tests
SC-EK0399	rIL-2 –ELISA	Rat IL-2 ELISA Kit	96 tests
SC-EK0402	h IL-3-ELISA	Human IL-3 ELISA Kit	96 tests
SC-EK0403	m IL-3 -ELISA	Mouse IL-3 ELISA Kit	96 tests
SC-EK0404	h IL-4-ELISA	Human IL-4 ELISA Kit	96 tests
SC-EK0405	m IL-4-ELISA	Mouse IL-4 ELISA Kit	96 tests
SC-EK0406	r IL-4-ELISA	Rat IL-4 ELISA Kit	96 tests
SC-EK0407	h IL-5-ELISA	Human IL-5 ELISA Kit	96 tests
SC-EK0408	m IL-5-ELISA	Mouse IL-5 ELISA Kit	96 tests
SC-EK0410	hIL-6-ELISA	Human IL-6 ELISA Kit	96 tests
SC-EK0411	m IL-6-ELISA	Mouse IL-6 ELISA Kit	96 tests
SC-EK0412	rIL-6-ELISA	Rat IL-6 ELISA Kit	96 tests
SC-EK0413	hIL-8-ELISA	Human IL-8 ELISA Kit	96 tests
SC-EK0416	hIL-10-ELISA	Human IL-10 ELISA Kit	96 tests
SC-EK0417	mIL-10-ELISA	Mouse IL-10 ELISA Kit	96 tests
SC-EK0418	rIL-10-ELISA	Rat IL-10 ELISA Kit	96 tests
SC-EK0421	hIL-12(p70)-ELISA	Human IL-12(p70) ELISA Kit	96 tests
SC-EK0422	mIL-12(p70)-ELISA	Mouse IL-12(p70) ELISA Kit	96 tests
SC-EK0423	hIL-12(p40)-ELISA	Human IL-12(p40) ELISA Kit	96 tests
SC-EK0426	hIL-15-ELISA	Human IL-15 ELISA Kit	96 tests
SC-EK0430	hIL-17-ELISA	Human IL-17 ELISA Kit	96 tests
SC-EK0431	mIL-17-ELISA	Mouse IL-17 ELISA Kit	96 tests
SC-EK0434	hLaminin -ELISA	Human Laminin ELISA Kit	96 tests
SC-EK0435	rLaminin-ELISA	Rat Laminin ELISA Kit	96 tests
SC-EK0436	mLaminin-ELISA	Mouse Laminin ELISA Kit	96 tests
SC-EK0437	hLeptin-ELISA	Human Leptin ELISA Kit	96 tests
SC-EK0438	mLeptin-ELISA	Mouse Leptin ELISA Kit	96 tests
SC-EK0439	hLeptinR-ELISA	Human Leptin receptor ELISA Kit	96 tests
SC-EK0440	mLeptinR-ELISA	Mouse Leptin receptor ELISA Kit	96 tests
SC-EK0444	hM-CSF-ELISA	Human M-CSF ELISA Kit	96 tests
SC-EK0445	mMCSF-ELISA	Mouse M-CSF ELISA Kit	96 tests
SC-EK0450	hCCL4-ELISA	Human CCL4/MIP-1 beta ELISA Kit	96 tests
SC-EK0458	hMMP-1-ELISA	Human MMP-1 ELISA Kit	96 tests
SC-EK0459	hMMP-2-ELISA	Human MMP-2 ELISA Kit	96 tests
SC-EK0460	mMMP-2-ELISA	Mouse MMP-2 ELISA Kit	96 tests
SC-EK0461	hMMP3-ELISA	Human MMP-3 ELISA Kit	96 tests

ScienCell products

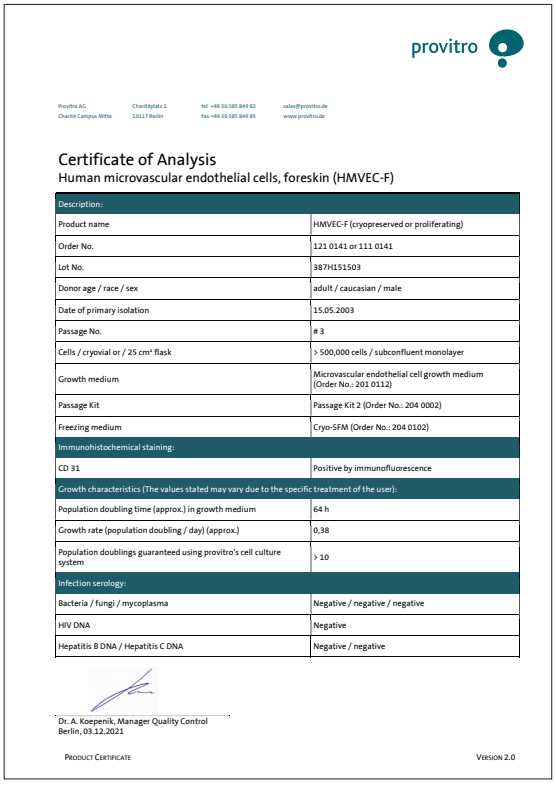
ELISA kits			
OFFER NO.	PRODUCT	DESCRIPTION	SIZE
SC-EK0462	mMMP3-ELISA	Mouse MMP-3 ELISA Kit	96 tests
SC-EK0465	hMMP9-ELISA	Human MMP-9 ELISA Kit	96 tests
SC-EK0466	mMMP-9-ELISA	Mouse MMP-9 ELISA Kit	96 tests
SC-EK0468	hMMP13-ELISA	Human MMP-13 ELISA Kit	96 tests
SC-EK0469	hNGF-ELISA	Human NGF/NGFβ ELISA Kit	96 tests
SC-EK0470	mNGF-ELISA	Mouse NGF/NGFβ ELISA Kit	96 tests
SC-EK0471	rNGF-ELISA	Rat NGF/NGFβ ELISA Kit	96 tests
SC-EK0472	hNT3-ELISA	Human Neurotrophin-3 ELISA Kit	96 tests
SC-EK0473	mNT3-ELISA	Mouse Neurotrophin-3 ELISA Kit	96 tests
SC-EK0474	rNT-3-ELISA	Rat Neurotrophin-3 ELISA Kit	96 tests
SC-EK0482	hOPN-ELISA	Human OPN ELISA Kit	96 tests
SC-EK0483	mOPN-ELISA	Mouse OPN ELISA Kit	96 tests
SC-EK0484	hPDGF-AB-ELISA	Human PDGF-AB ELISA Kit	96 tests
SC-EK0485	rPDGF-AB-ELISA	Rat PDGF-AB ELISA Kit	96 tests
SC-EK0486	mPDGF-AB-ELISA	Mouse PDGF-AB ELISA Kit	96 tests
SC-EK0494	hRantes-ELISA	Human Rantes ELISA Kit	96 tests
SC-EK0495	mRantes-ELISA	Mouse Rantes ELISA Kit	96 tests
SC-EK0496	rRantes-ELISA	Rat Rantes ELISA Kit	96 tests
SC-EK0501	hSELE-ELISA	Human E-Selectin ELISA Kit	96 tests
SC-EK0503	hSELL-ELISA	Human L-Selectin ELISA Kit	96 tests
SC-EK0504	mSELL-ELISA	Mouse L-Selectin ELISA Kit	96 tests
SC-EK0505	hSELP-ELISA	Human P-Selectin ELISA Kit	96 tests
SC-EK0506	mSELP-ELISA	Mouse P-Selectin ELISA Kit	96 tests
SC-EK0511	hTGF-α-ELISA	Human TGFα ELISA Kit	96 tests
SC-EK0513	hTGFβ1-ELISA	Human TGF-β1 ELISA Kit	96 tests
SC-EK0514	rTGFß1-ELISA	Rat TGF-β1 ELISA Kit	96 tests
SC-EK0515	mTGFß1-ELISA Kit	Mouse TGFβ1 ELISA Kit	96 tests
SC-EK0525	hTNF-ELISA	Human TNF ELISA Kit	96 tests
SC-EK0526	rTNF-ELISA	Rat TNFα ELISA Kit	96 tests
SC-EK0527	mTNF-ELISA	Mouse TNFα ELISA Kit	96 tests
SC-EK0528	hTNFR1-ELISA	Human TNFsRI ELISA Kit	96 tests
SC-EK0530	hTNFsRII-ELISA	Human Soluble TNFRII ELISA Kit	96 tests
SC-EK0532	hTRAIL-ELISA	Human TRAIL ELISA Kit	96 tests
SC-EK0535	huPA-ELISA	Human uPA/PLAU ELISA Kit	96 tests
SC-EK0536	huPAR-ELISA	Human uPAR ELISA Kit	96 tests
SC-EK0537	hVCAM-ELISA	Human VCAM-1 ELISA Kit	96 tests
SC-EK0538	mVCAM-ELISA	Mouse VCAM-1 ELISA Kit	96 tests
SC-EK0539	hVEGF-ELISA	Human VEGF ELISA Kit	96 tests
SC-EK0540	rVEGF-ELISA	Rat VEGF ELISA Kit	96 tests
SC-EK0541	mVEGF-ELISA	Mouse VEGF ELISA Kit	96 tests
SC-EK0544	hVEGFR-ELISA	Human VEGFR2/KDR ELISA Kit	96 tests
SC-EK0561	hECad-ELISA	Human E-Cadherin ELISA Kit	96 tests
SC-EK0562	mECad-ELISA	Mouse E-Cadherin ELISA Kit	96 tests
SC-EK0563	hCT1-ELISA	Human Cardiotrophin-1 ELISA Kit	96 tests
SC-EK0573	hCD40L-ELISA	Human soluble CD40L ELISA Kit	96 tests
SC-EK0575	hEGVEGF-ELISA	Human EG-VEGF ELISA Kit	96 tests

OFFER NO.		DESCRIPTION	SIZE
SC-EK0577	mGp130-ELISA	Mouse Gp130/IL6ST ELISA Kit	96 tests
SC-EK0581	hRes-ELISA	Human Resistin ELISA Kit	96 tests
SC-EK0582	mRes-ELISA	Mouse Resistin ELISA Kit	96 tests
SC-EK0584	hTNFß-ELISA	Human TNFβ ELISA Kit	96 tests
SC-EK0588	hVEGFC-ELISA	Human VEGF-C ELISA Kit	96 tests
SC-EK0639	rMMP2-ELISA	Rat MMP-2 ELISA Kit	96 tests
SC-EK0641	hSurv-ELISA	Human Survivin ELISA Kit	96 tests
SC-EK0642	hTSP2-ELISA	Human TSP2 ELISA Kit	96 tests
SC-EK0644	hCD105-ELISA	Human CD105 ELISA Kit	96 tests
SC-EK0658	hAPP-ELISA	Human APP ELISA Kit	96 tests
SC-EK0663	hBAFF-ELISA	Human BAFF ELISA Kit	96 tests
SC-EK0664	mBAFF-ELISA	Mouse BAFF ELISA Kit	96 tests
SC-EK0667	hPCad-ELISA	Human P-Cadherin ELISA Kit	96 tests
SC-EK0668	mPCad-ELISA	Mouse P-Cadherin ELISA Kit	96 tests
SC-EK0702	hCD40-ELISA	Human CD40 ELISA Kit	96 tests
SC-EK0703	mCD40-ELISA	Mouse CD40/TNFRSF5 ELISA Kit	96 tests
SC-EK0706	hNCAM-ELISA	Human CD56/NCAM-1 ELISA Kit	96 tests
SC-EK0708	mCD80-ELISA	Mouse B7-1/CD80 ELISA Kit	96 tests
SC-EK0717	mCTLA4-ELISA	Mouse CTLA4 ELISA Kit	96 tests
SC-EK0744	hcMet-ELISA	Human c-Met/HGFR ELISA Kit	96 tests
SC-EK0756	hErbB2-ELISA	Human ErbB-2/Neu2 ELISA Kit	96 tests
SC-EK0757	hFeuA-ELISA	HumanFetuin-A ELISA Kit	96 tests
SC-EK0770	hHBEGF-ELISA	Human HBEGF ELISA Kit	96 tests
SC-EK0777	hIL6Ra-ELISA	Human IL-6Ra ELISA Kit	96 tests
SC-EK0779	hIL7-ELISA	Human IL-7 ELISA Kit	96 tests
SC-EK0780	mIL7-ELISA	Mouse IL-7 ELISA Kit	96 tests
SC-EK0799	hIL27-ELISA	Human IL-27 ELISA Kit	96 tests
SC-EK0807	hCSF1R-ELISA	Human CSF1R/M-CSFR ELISA Kit	96 tests
SC-EK0808	mCSF1R-ELISA	Mouse CSF1R/M-CSFR ELISA Kit	96 tests
SC-EK0816	hKal3-ELISA	Human Kallikrein 3 ELISA Kit	96 tests
SC-EK0829	hRANK-ELISA	Human Receptor Activator of NF-κB (RANK) ELISA Kit	96 tests
SC-EK0830	mRANK-ELISA	Mouse Receptor Activator of NF-κB (RANK) ELISA Kit	96 tests
SC-EK0850	hMPO-ELISA	Human Myeloperoxidase (MPO) ELISA Kit	96 tests
SC-EK0859	hPAI1-ELISA	Human PAI-1 ELISA Kit	96 tests
SC-EK0866	mIL23-ELISA	Mouse IL-23 ELISA Kit	96 tests
SC-EK0867	hDKK1-ELISA	Human DKK-1 ELISA Kit	96 tests
SC-EK0873	hPECAM-ELISA	Human PECAM-1/CD31 ELISA Kit	96 tests
SC-EK0874	mPECAM-ELISA	Mouse PECAM-1/CD31 ELISA Kit	96 tests
SC-EK0884	hBMP7-ELISA	Human BMP-7 ELISA Kit	96 tests
SC-EK0895	hp53-ELISA	Human p53 ELISA Kit	96 tests
SC-EK0904	hCEA-ELISA	Human CEA ELISA Kit	96 tests
SC-EK0906	hTLR2-ELISA	Human TLR2 ELISA Kit	96 tests
SC-EK0907	hTLR3-ELISA	Human TLR3 ELISA Kit	96 tests
SC-EK0925	mDKK-1-ELISA	Mouse DKK1 ELISA Kit	96 tests
SC-EK0928	hTF/F3-ELISA	Human Tissue factor/F3 ELISA Kit	96 tests

certificates and product information

Provitro's products are delivered with a data sheet providing detailed product information and direction for use. Each isolated cell culture has to pass our strict quality control before it can be released for purchase. The results of comprehensive quality tests are provided in an analysis certificate that accompanies each batch. In the case of tissue microarrays, our pathologists use high quality materials which are precisely typed and classified. The batch-specific information will be summarised in an analysis certificate. Please find enclosed samples of certificates and product information for primary cell cultures and TMA, respectively, with each batch delivered.

Sample of an analysis certificate for a batch of human microvascular endothelial cells.



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Certificate of Analysis

Human microvascular endothelial cells, foreskin (HMVEC-F)

Description:	
Product name	HMVEC-F (cryopreserved or proliferating)
Order No.	121 0141 or 111 0141
Lot No.	387H151503
Donor age / race / sex	adult / caucasian / male
Date of primary isolation	15.05.2003
Passage No.	# 3
Cells / cryovial or / 25 cm² flask	> 500,000 cells / subconfluent monolayer
Growth medium	Microvascular endothelial cell growth medium (Order No.: 201 0112)
Passage Kit	Passage Kit 2 (Order No.: 204 0002)
Freezing medium	Cryo-SFM (Order No.: 204 0102)
Immunohistochemical staining:	
CD 31	Positive by immunofluorescence
Growth characteristics (The values stated may vary due to the specific treatment of the user):	
Population doubling time (approx.) in growth medium	64 h
Growth rate (population doubling / day) (approx.)	0,38
Population doublings guaranteed using provitro's cell culture system	> 10
Infection serology:	
Bacteria / fungi / mycoplasma	Negative / negative / negative
HIV DNA	Negative
Hepatitis B DNA / Hepatitis C DNA	Negative / negative

Dr. A. Koepenik, Manager Quality Control
Berlin, 03.12.2021

Product Certificate Version 2.0

Product information on human microvascular endothelial cells.

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Human microvascular endothelial cells, foreskin (HMVEC-F), cryo

Cat-No.: 121 0141 (500,000 cells / cryovial)

Maintenance of HMVEC-F

Check the cryovial for signs of damage during dispatch. Since the cryopreserved HMVEC-F arrived on dry ice, they have to be transferred immediately to a deep freezer (-80°C) for a storage time of up to one week or to be thawed according to the procedure stated below. For
In the case of longer storage, transfer the vial directly to liquid nitrogen (-196°C).

Thawing of cryopreserved HMVEC-F:

1. Transfer the cryovial straight to a water bath with a temperature of 37°C. To achieve a rapid thawing, gently stir the cryovial repeatedly. Few seconds before thawing is completed transfer the vial into a laminar flow hood. Decontaminate the outer surface of the cryovial, and proceed immediately with the following steps under sterile conditions.
2. Within in a laminar flow hood, transfer aseptically the thawed cell suspension into a 15 ml centrifuge tube. Add 10 ml of microvascular endothelial cell growth medium, seal the tube with its screw cap, and centrifuge it at 250xg for 5 min.
3. Remove aseptically the supernatant, and re-suspend the cell pellet in 10 ml of provitro's microvascular endothelial cell growth medium using a serological pipette. Check cell number and viability.
4. Transfer the entire volume of HMVEC-F suspension into two 25 cm² culture flasks (5 ml each). The advantage of using two 25 cm² flasks instead of one larger flask is that it helps to reduce the risk of loosing all cells. So, if you experience difficulties in passaging the first 25 cm² flask, there is still another flask left for further use. In order to prevent contamination make sure that there are no traces of medium left on the inner/outer part of the flask neck.
5. Place the cell culture flasks in an incubator at 37°C, steam saturated and 5 % (V/V) CO_2. Close the screw lids on each culture flask by half a turn only to allow gas exchanges to take place.
6. Change the muscle cell growth medium after the first 24 hrs to remove unattached cells, then every 48-72hrs. Feed the cells only with culture medium that has been warmed up.
7. The cells are ready for sub-culturing having reached a confluence of 75 %. If the cell layer is allowed to grow too dense they will suffer irreversible contact inhibition leading to ceased proliferation. For subculturing, use the reagents recommended in the accompanying analysis certificate, only.
8. Recommended seeding density of HMVEC-F: > 6,000 cells per cm²

Description:

Following provitro's standard operating procedures, the HMVEC-F cultures are isolated from human tissue, then transferred into a primary cell culture, and finally aliquoted and frozen.

Proliferative capacity of HMVEC-F:

Provitro's HMVEC-F cultures are derived from original tissue (in vivo state) using careful methods,. They are not transformed or mutated and have a limited *in-vitro* lifespan. All HMVEC-F batches are tested by provitro for their proliferative capacity using provitro's culture reagents as outlined in the accompanying certificate of analysis.

Quality control:

All HMVEC-F cultures from provitro are subject to comprehensive quality tests, summarized in the accompanying certificate of analysis.

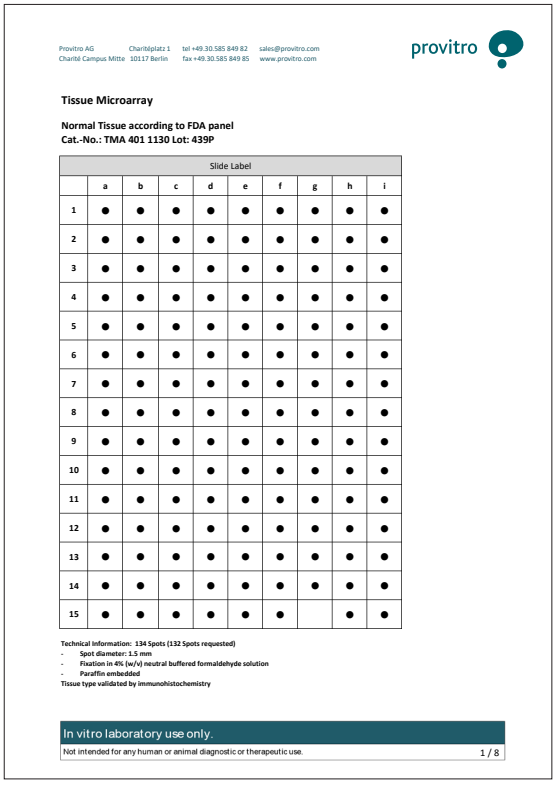
Warning note:

Concerning use of biological material:
Provitro's primary cell cultures are of human or animal origin, and no known test procedures can ensure the total absence of infectious agents. All products should therefore be handled following safety precautions as if they were infectious.

In vitro laboratory use only.

Not intended for any human or animal diagnostic or therapeutic use.

Product Data sheet 1210141 Version: 3.0



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Tissue Microarray

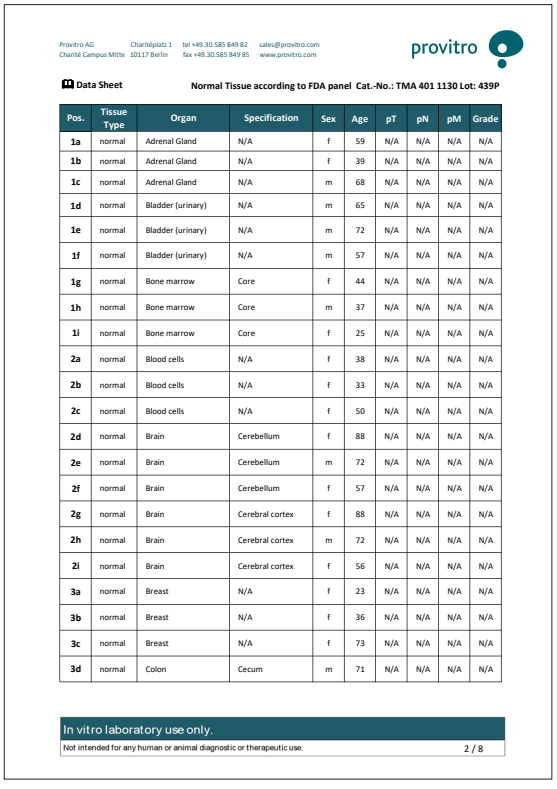
Normal Tissue according to FDA panel
Cat.-No.: TMA 401 1130 Lot: 439P

Slide Label									
	a	b	c	d	e	f	g	h	i
1	●	●	●	●	●	●	●	●	●
2	●	●	●	●	●	●	●	●	●
3	●	●	●	●	●	●	●	●	●
4	●	●	●	●	●	●	●	●	●
5	●	●	●	●	●	●	●	●	●
6	●	●	●	●	●	●	●	●	●
7	●	●	●	●	●	●	●	●	●
8	●	●	●	●	●	●	●	●	●
9	●	●	●	●	●	●	●	●	●
10	●	●	●	●	●	●	●	●	●
11	●	●	●	●	●	●	●	●	●
12	●	●	●	●	●	●	●	●	●
13	●	●	●	●	●	●	●	●	●
14	●	●	●	●	●	●	●	●	●
15	●	●	●	●	●	●		●	●

Technical Information: 134 Spots (132 Spots requested)
- **Spot diameter: 1.5 mm**
- **Fixation in 4% (w/v) neutral buffered formaldehyde solution**
- **Paraffin embedded**

Tissue type validated by immunohistochemistry

In vitro laboratory use only.
Not intended for any human or animal diagnostic or therapeutic use. 1 / 8



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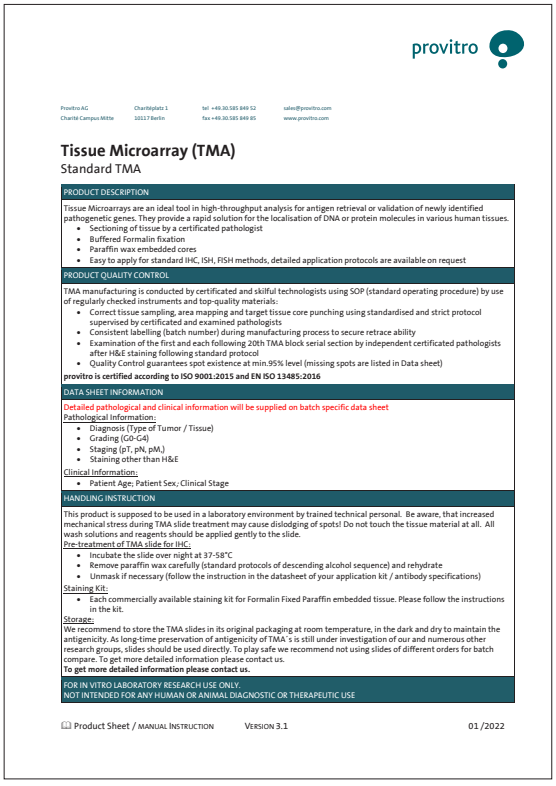
Data Sheet **Normal Tissue according to FDA panel Cat.-No.: TMA 401 1130 Lot: 439P**

Pos.	Tissue Type	Organ	Specification	Sex	Age	pT	pN	pM	Grade
1a	normal	Adrenal Gland	N/A	f	59	N/A	N/A	N/A	N/A
1b	normal	Adrenal Gland	N/A	f	39	N/A	N/A	N/A	N/A
1c	normal	Adrenal Gland	N/A	m	68	N/A	N/A	N/A	N/A
1d	normal	Bladder (urinary)	N/A	m	65	N/A	N/A	N/A	N/A
1e	normal	Bladder (urinary)	N/A	m	72	N/A	N/A	N/A	N/A
1f	normal	Bladder (urinary)	N/A	m	57	N/A	N/A	N/A	N/A
1g	normal	Bone marrow	Core	f	44	N/A	N/A	N/A	N/A
1h	normal	Bone marrow	Core	m	37	N/A	N/A	N/A	N/A
1i	normal	Bone marrow	Core	f	25	N/A	N/A	N/A	N/A
2a	normal	Blood cells	N/A	f	38	N/A	N/A	N/A	N/A
2b	normal	Blood cells	N/A	f	33	N/A	N/A	N/A	N/A
2c	normal	Blood cells	N/A	f	50	N/A	N/A	N/A	N/A
2d	normal	Brain	Cerebellum	f	88	N/A	N/A	N/A	N/A
2e	normal	Brain	Cerebellum	m	72	N/A	N/A	N/A	N/A
2f	normal	Brain	Cerebellum	f	57	N/A	N/A	N/A	N/A
2g	normal	Brain	Cerebral cortex	f	88	N/A	N/A	N/A	N/A
2h	normal	Brain	Cerebral cortex	m	72	N/A	N/A	N/A	N/A
2i	normal	Brain	Cerebral cortex	f	56	N/A	N/A	N/A	N/A
3a	normal	Breast	N/A	f	23	N/A	N/A	N/A	N/A
3b	normal	Breast	N/A	f	36	N/A	N/A	N/A	N/A
3c	normal	Breast	N/A	f	73	N/A	N/A	N/A	N/A
3d	normal	Colon	Cecum	m	71	N/A	N/A	N/A	N/A

In vitro laboratory use only.
Not intended for any human or animal diagnostic or therapeutic use. 2 / 8

Excerpt from a TMA certificate providing information about position and characteristics of specific tissue spots assembled on this TMA slide.

Sample of product information on standard tissue microarrays. Detailed application protocols are available on request.



provitro

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Tissue Microarray (TMA)
Standard TMA

PRODUCT DESCRIPTION

Tissue Microarrays are an ideal tool in high-throughput analysis for antigen retrieval or validation of newly identified pathogenetic genes. They provide a rapid solution for the localisation of DNA or protein molecules in various human tissues.

- Sectioning of tissue by a certificated pathologist
- Buffered Formalin fixation
- Paraffin wax embedded cores
- Easy to apply for standard IHC, ISH, FISH methods, detailed application protocols are available on request

PRODUCT QUALITY CONTROL

TMA manufacturing is conducted by certificated and skilful technologists using SOP (standard operating procedure) by use of regularly checked instruments and top-quality materials:

- Correct tissue sampling, area mapping and target tissue core punching using standardised and strict protocol supervised by certificated and examined pathologists
- Consistent labelling (batch number) during manufacturing process to secure retrace ability
- Examination of the first and each following 20th TMA block serial section by independent certificated pathologists after H&E staining following standard protocol
- Quality Control guarantees spot existence at min.95% level (missing spots are listed in Data sheet)

provitro is certified according to ISO 9001:2015 and EN ISO 13485:2016

DATA SHEET INFORMATION

Detailed pathological and clinical information will be supplied on batch specific data sheet

Pathological Information:

- Diagnosis (Type of Tumor / Tissue)
- Grading (G0-G4)
- Staging (pT, pN, pM,)
- Staining other than H&E

Clinical Information:

- Patient Age; Patient Sex; Clinical Stage

HANDLING INSTRUCTION

This product is supposed to be used in a laboratory environment by trained technical personal. Be aware, that increased mechanical stress during TMA slide treatment may cause dislodging of spots! Do not touch the tissue material at all. All wash solutions and reagents should be applied gently to the slide.

Pre-treatment of TMA slide for IHC:

- Incubate the slide over night at 37-58°C
- Remove paraffin wax carefully (standard protocols of descending alcohol sequence) and rehydrate
- Unmask if necessary (follow the instruction in the datasheet of your application kit / antibody specifications)

Staining Kit:

- Each commercially available staining kit for Formalin Fixed Paraffin embedded tissue. Please follow the instructions in the kit.

Storage:

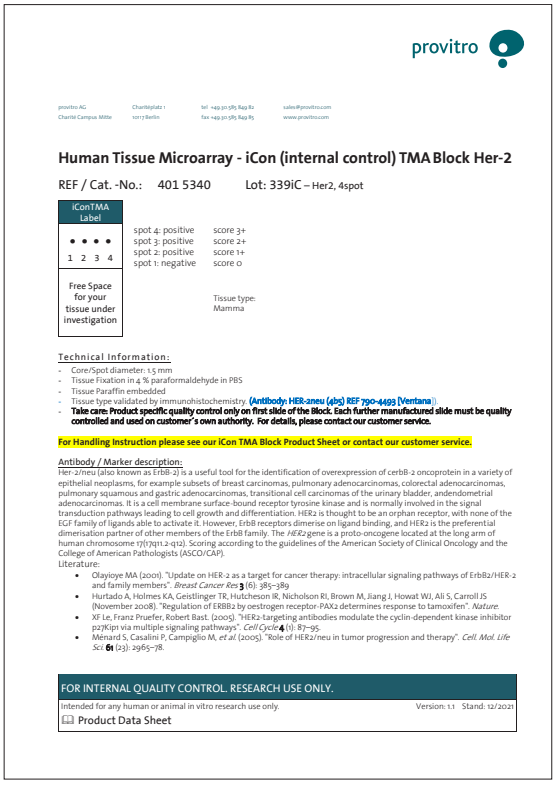
We recommend to store the TMA slides in its original packaging at room temperature, in the dark and dry to maintain the antigenicity. As long-time preservation of antigenicity of TMA´s is still under investigation of our and numerous other research groups, slides should be used directly. To play safe we recommend not using slides of different orders for batch compare. To get more detailed information please contact us.

To get more detailed information please contact us.

FOR IN VITRO LABORATORY RESEARCH USE ONLY.
NOT INTENDED FOR ANY HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USE

Product Sheet / MANUAL INSTRUCTION VERSION 3.1 01 /2022

Sample of product information on internal control tissue microarrays (iCon TMA®). Detailed application protocols are available on request.



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Human Tissue Microarray - iCon (internal control) TMA Block Her-2

REF / Cat.-No.: 401 5340 Lot: 339iC – Her2, 4spot

iConTMA Label
● ● ● ●
1 2 3 4
Free Space for your tissue under investigation

spot 4: positive score 3+
spot 3: positive score 2+
spot 2: positive score 1+
spot 1: negative score 0

Tissue type:
Mamma

Technical Information:

- Core/Spot diameter: 1.5 mm
- Tissue Fixation in 4 % paraformaldehyde in PBS
- Tissue Paraffin embedded
- Tissue type validated by immunohistochemistry. **(Antibody: HER-2neu (4b5) REF 790-4493 [Ventana])**.
- **Take care: Product specific quality control only on first slide of the Block. Each further manufactured slide must be quality controlled and used on customer´s own authority. For details, please contact our customer service.**

For Handling Instruction please see our iCon TMA Block Product Sheet or contact our customer service.

Antibody / Marker description:

Her-2/neu (also known as ErbB-2) is a useful tool for the identification of overexpression of cerbB-2 oncoprotein in a variety of epithelial neoplasms, for example subsets of breast carcinomas, pulmonary adenocarcinomas, colorectal adenocarcinomas, pulmonary squamous and gastric adenocarcinomas, transitional cell carcinomas of the urinary bladder, endendometrial adenocarcinomas. It is a cell membrane surface-bound receptor tyrosine kinase and is normally involved in the signal transduction pathways leading to cell growth and differentiation. HER2 is thought to be an orphan receptor, with none of the EGF family of ligands able to activate it. However, ErbB receptors dimerise on ligand binding, and HER2 is the preferential dimerisation partner of other members of the ErbB family. The *HER2* gene is a proto-oncogene located at the long arm of human chromosome 17(17q11.2-q12). Scoring according to the guidelines of the American Society of Clinical Oncology and the College of American Pathologists (ASCO/CAP).

Literature:

- Olayioye MA (2001). "Update on HER-2 as a target for cancer therapy: intracellular signaling pathways of ErbB2/HER-2 and family members". *Breast Cancer Res* **3** (6): 385–389.
- Hurtado A, Holmes KA, Geistlinger TR, Hutcheson IR, Nicholson RI, Brown M, Jiang J, Howat WJ, Ali S, Carroll JS (November 2008). "Regulation of ERBB2 by oestrogen receptor-PAX2 determines response to tamoxifen". *Nature*.
- XF Le, Franz Pruefer, Robert Bast. (2005). "HER2-targeting antibodies modulate the cyclin-dependent kinase inhibitor p27Kipt via multiple signaling pathways". *Cell Cycle* **4** (1): 87–95.
- Ménard S, Casalini P, Campiglio M, *et al.* (2005). "Role of HER2/neu in tumor progression and therapy". *Cell. Mol. Life Sci.* **61** (23): 2965–78.

FOR INTERNAL QUALITY CONTROL. RESEARCH USE ONLY.

Intended for any human or animal in vitro research use only. Version: 1.1 Stand: 12/2021

Product Data Sheet

ordering information

General

Placing of first orders by new customers and confirmation of them by the Company shall be in writing for legal validity. This request for the written form shall equally apply to any amendment or modification or collateral agreement to the Company's original quotation. Additional orders may be placed by mail, fax, phone or e-mail. Please, bear in mind that all orders will be handled on the basis of our General Standard Terms and Conditions.

Freight charges

A flat rate of € 21.00 plus € 19.00 for refrigeration, if necessary, will be charged for shipment within the territory of the Federal Republic of Germany. Real expenses will be charged for any delivery beyond the German border. A mark-up of € 25.00 will be charged for any small-volume purchase worth up to € 175.00.

Orders

The following details should be provided together with an order:

→ Customer No.
→ Address for delivery and invoice
→ Offer No(s). of product(s) ordered
→ Number of products ordered
→ Name, phone and fax of contact person in charge of handling delivery
A written order following a phone order should carry a note referring to the latter.

Address for orders

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Fax: +49.30.585 849 85
E-mail: sales@provitro.com
www.provitro.com
www.provitro.de
www.provitro.co.uk
www.provitro.jp

Reservations

If products have been reserved for delivery, please add to your order Reservation and Batch No(s). of the product(s) reserved.

Special offers, call-forward orders, bonus agreements

Orders placed in response to special offers, call-forward orders and bonus agreements must carry the applicable code numbers to ensure that you will enjoy the conditions agreed in the first place.

alphabetical product index

alphabetical product index

general standard terms and conditions

A. Scope of application

The following General Terms and Conditions (hereafter referred to as »AGB«) shall apply to all contractual business relations between provitro AG (hereafter referred to as »the Company«), on the one hand, and third parties (hereafter referred to as »Contractual Partner« or »Supplier«).
AGB shall be considered as legally accepted by the Contractual Partner or Supplier once a contract has been signed by the latter. AGB shall be valid also for future contracts even in cases in which no explicit reference to AGB has been repeated. Deviations from AGB shall not be effective unless such deviations have been confirmed in writing by the Company.
An explicit objection is hereby raised to General Terms and Conditions of Contractual Partners. They shall not be applicable unless the Company's consent to their validity has been expressed in writing.

B. Supplies made by the Company

I. Quotation, placing of order, acceptance of order
All Company's offers are without engagement and subject to confirmation with regard to price, quantity and date of delivery. Placing of orders with and confirmation by the Company shall be in writing for legal validity. This demand for the written form shall equally apply to any amendment or modification or collateral agreement to the Company's original quotation.
The Company shall remain the holder of rights of ownership, exploitation and copyrights on submitted drawings and other illustrations, descriptions as well as on other offer-related documents. Contractual Partners shall not be permitted to make said documentation accessible to a third party. This shall apply in particular to documents classified »Confidential« by the Company. Contractual Partners intending to pass said documentation to third parties shall obtain beforehand the Company's formal consent. Pricing is based on the current price list. Quoted prices are ex works or storeroom plus packaging and freight costs and value-added tax as is valid on the day of billing. Customs duties, tax as well as other fiscal or public charges, as the case may be, shall be borne by the Contractual Partner who will as well be responsible for cost of assembly or installation of equipment.
A flat rate of € 25.00 will be charged for shipment within the territory of the Federal Republic of Germany and of € 20.00 for refrigeration, if necessary, whereas real costs will be charged for deliveries to destinations outside Germany. A mark-up of € 25.00 will be charged for small-volume purchases worth up to € 175.00.
Invoice amount minus 2 % cash discount shall be due and payable within ten days from invoice date, while the full invoice amount shall be due and payable within 30 days from invoice date. Invoice amounts for services provided by the Company shall be excluded from cash discount but shall be fully payable immediately on receipt of the invoice. Punctuality of payment shall be counted by the date of credit entry to the Company's account.
The Company is authorised, for all their business transactions, to charge 5 % p.a. interest from the date of maturity. After 30 days from date of invoice, the company shall have the right to respond to delay of payment by charging interest of at least 8 % p.a. above the current base rate relative to the interest rate with which the Company has been charged for advance in current account.
Offset with the Contractual Partner shall be permissible only in a case of an undisputable and thus legally valid counterclaim. For cross-border deliveries requiring compliance with international trade or customs rules, the Contractual Partner shall take care at his own expense of proper observance of such rules.

II. Delivery and service periods
The delivery periods and deadlines quote by the Company shall be of non-committal nature unless otherwise agreed in writing. Delay in delivery not caused by the Company shall extend delivery deadlines in an adequate manner. This shall apply in particular to any delay due to force majeure and other events with an impact on compliance with agreed delivery deadlines (plant interruption, strike, lockout or interruption of transport routes). It shall also apply to adverse events on the premises of suppliers or sub-suppliers to the Company. Should such delay-causing problem persist over a period of more than three months, both the Company and the Contractual Partner shall have the right to withdraw from the contract, after an adequate grace period had been agreed and expired. Should non-observance of a committed delivery and/or service deadline be attributable to the Company's fault, the Contractual Partner may assert a claim for compensation which shall be limited to 5 % maximum of the invoice amount for the service or delivery affected.
The consignment earmarked for delivery shall be stored at the expense and risk of the Contractual Partner if shipment is delayed on request of the latter or for any reason for which the latter is responsible. The Company's ready-for-shipment announcement shall be legally equivalent to shipment proper. Storage costs will be charged according to the current price list. The risk of accidental loss shall be borne by the Contractual Partner as soon as the Company has handed over the consignment to a forwarding agent, carrier or any other person or institution designed for transport. Said risk, at the latest, shall be borne by the Contractual Partner on physical delivery, which shall as well apply to partial delivery or situations in which after-sale services have been agreed, such as installation of equipment supplied or training of the Contractual Partner's personnel.

Goods for delivery may be insured If requested by the Contractual Partner, goods for delivery may be insured for coverage of theft, breakdown, transport, fire and water damage or other insurable risks. The Contractual Partner shall specify the desired insurance coverage to the Company on acceptance of the quotation. Such request shall be made in written form.

The risk of accidental loss of the consignment or part of it shall be borne by the Contractual Partner as of the ready-for-shipment date if causative circumstances for delay of shipment have to be attributed to the latter. Minor shortcomings or defects shall not justify refusal of acceptance by the Contractual Partner. Partial deliveries shall be permissible. The Contractual Partner shall undertake at his own expense and risk to return transport packs to the Company.

III. Liability for defects

Claims for compensation shall expire one year after delivery to the Contractual Partner. Any claim for reduction of purchase price or withdrawal from the business concerned shall be ruled out once the claim for compensation has become statute-barred. The duties of investigation and notification of defects shall apply according to §§ 377, 378 HGB (German Commercial Code). Any defect or shortcoming detected by proper investigation, including faulty or insufficient delivery, shall be notified within three days.
Once defects or shortcomings have been established, the Company shall have the right to determine repair or other remedial action or shipment of faultless items. The Contractual Partner shall have the right to undertake remedial action only if the Company has been informed beforehand in written form and if a reasonable period of time for compensation has expired during which the Company would have had an opportunity for remedial action either by themselves or through sub-suppliers. Other ways of settlement shall be limited to situations forcing the Contractual Partner to exercise a right for self-help to avert disproportionate damage, e.g. due to unacceptable delay.
Claims for compensation, as may be raised against the Company by the Contractual Partner, shall be ruled out in the following cases of defect or damage: non-observance of the Company's operational or maintenance instructions, inappropriate use, faulty assembly by the Contractual Partner or third parties, natural wear, incorrect or negligent treatment, use of unsuitable tools, chemical, electrochemical or electric effects, inadequate modification or repair by the Contractual Partner or third parties without prior authorisation by the Company, unauthorised exchange of components or other change or use of supplies not in conformity with original specifications.
The same shall apply to cases of inappropriate storage or mistakes in start-up. Additional claims of the Contractual Partner, on whatever legal grounds (in particular claims for compensation relating to violation of ancillary contractual duties, unauthorised acts or other liability in tort and claims for cost and efforts, with exception of claims according to § 439, Section 2, BGB
[German Civil Code] shall be ruled out unless other conclusions may be justified. This shall apply, for example, to claims for damage outside the item supplied and claims for compensation for loss of profit.
The aforementioned exclusion of liability shall not apply in situations in which it would rule out or limit compensation for damage to life and limb or health due to culpable violation of duty by the Company or their legal representative or vicarious agent. It shall not apply either in situations in which it would result in disclaiming or limitation of liability for other damage due to the Company's or their legal representative's or vicarious agent's wilful or severely negligent violation of duty. The Company's liability for culpable violation of major contractual duties shall be limited to damage volumes predictable in common practice of contractual business relations. Liability shall not be excluded in cases of liability for damage to persons or material according to product liability law.

IV. Other liability contexts

Other claims – for whatever legal arguments (especially claims for violation of ancillary contractual duties, illicit acts, delay, impossibility) shall be ruled out. This shall particularly apply to claims resulting from damage unrelated to a physical delivery and claims for compensation for lost profit. Exemption from liability shall not apply to damage attributable to wrongful intent or gross negligence by the Company or their representative or vicarious agent. It shall not apply either to situations in which it would result in ruling out or limiting compensation for culpable damage to life and limb or health.
The Company's liability for culpable violation of major contractual duties shall be limited to damage volumes predictable in common practice of contractual business relations. Liability shall not be excluded in cases of liability for damage to persons or material according to product liability law.
Supplies made by the Company shall be covered by a liability insurance policy that has to be taken out at the supplier's expense.
Claims raised in compliance with product liability laws of countries other than Germany shall be limited to the Company's product liability insurance and its coverage versus such claims. Claims beyond such limitation shall be covered by the Contractual Partner at his own expense.

V. Reservation of ownership

The items supplied (hereafter referred to as »reserved goods«) shall remain at the Company's disposal until all contractual requirements have been met by the Contractual Partner. The Contractual Partner has no right to pledge or transfer reserved goods for security or any other purpose. The Contractual Partner shall undertake to treat and handle such goods with due care and to take out insurance reinstatement policies to cover damage and loss due to fire, water and theft. The Contractual Partner shall be responsible for proper servicing and maintenance of such goods.
In the case of the Contractual Partner's default in payment, the Company shall have the right to take back reserved goods at their own expense. Take-back does not imply withdrawal from the contract. Should an order of attachment (levy of execution) be issued into reserved goods, the Company should be informed without delay to provide the latter with an opportunity for filing an action of intervention according to § 771 ZPO (German Code of Civil Procedure). The Contractual Partner shall be obliged to the Company for reimbursement of legal expenses, as the case may be.

Should the Company's right of disposal be invalidated due to connection or intermixing, it shall be agreed between the two contracting parties that the Contractual Partner's ownership of the new coherent product is transferred by relative value to the Company and henceforth is stored free of charge by the Contractual Partner for the Company.
The Contractual Partner shall undertake provident assignment to the Company of all claims resulting from resale of reserved goods up to the relative value of the latter, which assignment shall be accepted by the Company. The Contractual Partner shall inform his resale partner of the assignment if so requested by the Company. The Contractual Partner is authorised to collect payment for resale.

C. Supplies made to (received by) the Company

Orders placed by the Company must be in written form for legal validity. Agreed deadlines shall be binding. The Company shall have the right to respond to delay of delivery by charging the supplier with a penalty per working day of delay amounting to 0.1 % relative to the total price up to an overall amount of 5 % of said total price. The Company reserves the right to withdraw from the contract and claim compensation, following an adequate grace period, if the supplier has to bear responsibility for non-performance of an agreed deadline.
The risk of accidental loss of a consignment shall not be borne by the Company until handover. The supplier shall take out at his own expense an insurance policy for the subject of supply.
The Company shall have free choice of demand between repair of defects or re-supply of a flawless item. If remedial action is chosen to repair a defect detected by the Company or any of their partners, the Company may ask for such remedial action to be performed on the premises of the supplier. If in such case defective goods have to be returned for repair to the supplier, the latter shall bear all related expenses. On completion of repair, the goods concerned shall be sent back to the Company or another appointed partner at the expense of the supplier.
Payment shall be due minus 2 % discount within ten days from receipt of invoice or without any discount within 30 days.
The supplier shall not have the right to assign claims on the Company to a third party.
Rules that may exist in the supplier's standard terms and conditions regarding simple or extended reservation of ownership are explicitly rejected. Such rules are considered null and void for business with the Company. For border-crossing transactions for which international customs or other trade provisions may have to be observed, such observance shall be the supplier's responsibility at his own expense. Customs duties, fees, tax or other public charges shall be borne by the supplier. The same shall apply to expenses for assembly and installation of equipment.

D. Final clause

Contracts between the Company, on the one hand, and Contractual Partners and/or suppliers, on the other, shall be performed in conformity with German law and with explicit exclusion of provisions formulated in the Viennese Convention on Contracts for International Sale of Goods (CISG).
Berlin shall be the sole jurisdictional venue for settlement of any dispute that may result from business transactions with the Company.
Should any individual provision or any part of any provision, as established in these General Standard Terms and Conditions be or become void, illegal or unenforceable, the validity of the remaining provisions hereof shall in no way be affected. In such case the void and/or illegal and/or unenforceable provision or provisions shall be replaced by relative provisions coming as close as possible to the sense and spirit and purpose of this agreement. In the case of a gap, such gap shall be filled with a provision which had been agreed had the problem been considered beforehand. This shall apply also to cases in which ineffectiveness of a provision is based on normal performance or timing. In such case, the provision formulated in the first place shall be replaced by a provision as close as possible to intended and legally permissible performance and timing.

Status on May 20th, 2022

Allgemeine Geschäftsbedingungen

A. Geltungsbereich

Die sich anschließenden Allgemeinen Geschäftsbedingungen (im Folgenden auch »AGB« genannt) gelten für alle Vertragsverhältnisse, die zwischen der Provitro AG (im Folgenden auch »Gesellschaft» genannt) und Dritten (im Folgenden auch »Vertragspartner» bzw. »Lieferant» genannt) zustande kommen.
Der Vertragspartner bzw. Lieferant erkennt die AGB mit Abschluss des Vertrags an. Die AGB gelten auch für künftige Vertragsschlüsse, auch wenn die AGB dabei nicht noch einmal ausdrücklich vereinbart werden.
Abweichungen von den nachfolgenden AGB sind nur wirksam, wenn die Gesellschaft diese Abweichungen schriftlich bestätigt hat.
Allgemeinen Geschäftsbedingungen des Vertragspartners wird hiermit ausdrücklich widersprochen. Diese gelten nur, wenn die Gesellschaft ihrer Geltung schriftlich zugestimmt hat.

B. Lieferungen der Gesellschaft

I. Lieferangebot, Auftragserteilung und Auftragsbestätigung
Alle Lieferangebote der Gesellschaft sind freibleibend hinsichtlich Preis, Menge und Lieferzeit. Auftragserteilungen an die Gesellschaft sowie Auftragsbestätigungen der Gesellschaft sind nur rechtswirksam, wenn sie schriftlich erfolgen. Das Schriftformerfordernis gilt für jegliche Ergänzung, Änderung oder Nebenabrede zum ursprünglichen Angebot der Gesellschaft.
Die Gesellschaft bleibt Inhaber der Eigentums-, Verwertungs- und Urheberrechte an übersandten Abbildungen, Zeichnungen, Beschreibungen, sonstigen Unterlagen sowie Angebotsunterlagen. Dem Vertragspartner ist es nicht gestattet, Dritten die vorbezeichneten Unterlagen zugänglich zu machen. Dies gilt insbesondere für Unterlagen, die von der Gesellschaft als »vertraulich» bezeichnet worden sind. Beabsichtigt der Vertragspartner der Gesellschaft eine Weitergabe an Dritte, so ist zuvor eine schriftliche Zustimmungserklärung der Gesellschaft einzuholen.
Lieferpreise gelten entsprechend der jeweils aktuellen Preisliste. Die Lieferpreise gelten ab Werk oder Lager zzgl. Verpackungs- und Frachtkosten sowie der jeweils am Tag der Rechnungsstellung geltenden gesetzlichen Mehrwertsteuer. Etwaig anfallende Zölle, Gebühren, Steuern oder sonstige öffentliche Abgaben trägt der Vertragspartner.
Gleiches gilt für Kosten der Montage oder Aufstellung von Geräten.
Innerhalb der Bundesrepublik Deutschlands werden eine Versandkostenpauschale in Höhe eines Betrages von EUR 25,00 sowie bei Notwendigkeit eine Kühlpauschale in Höhe von EUR 20,00, außerhalb Deutschlands entsprechend der tatsächlich anfallenden Versandkosten erhoben. Bei einem Wert der Lieferung pro Einzelauftrag von ≤ EUR 175,00 wird ein Mindermengenzuschlag in Höhe von EUR 25,00 berechnet.
Der Rechnungsbetrag ist innerhalb von zehn Tagen nach Rechnungsdatum mit 2 % Skonto, innerhalb von dreißig Tagen ohne Abzug fällig. Rechnungsbeträge für Dienstleistungen der Gesellschaft sind von der Skontoregelung ausgenommen. Diese Rechnungen sind sofort nach Erhalt ohne jeden Abzug fällig. Für die Rechtzeitigkeit der Zahlung kommt es auf den Eingang auf dem Konto der Gesellschaft an.
Die Gesellschaft ist im kaufmännischen Geschäftsverkehr berechtigt, Zinsen in Höhe von 5 % p. a. ab Fälligkeit zu fordern.
Die Gesellschaft ist im kaufmännischen Geschäftsverkehr weiter bei Zahlungsverzug berechtig, Zinsen in Höhe des ihr für die Inanspruchnahme eines Kontokorrentkredites berechneten Zinssatzes, mindestens in Höhe von acht Prozent über dem jeweils geltenden Basiszinssatz nach Ablauf von dreißig Tagen nach Rechnungsdatum zu fordern.
Eine Aufrechnung des Vertragspartners ist nur mit rechtskräftig festgestellten oder unstreitigen Gegenforderungen möglich. Besteht bei dem Vertragsverhältnis ein Auslandsbezug, der die Beachtung außenwirtschaftlicher und zollrechtlicher Vorschriften zur Folge hat, obliegt es dem Vertragspartner, für die Einhaltung der Vorschriften auf seine Kosten Sorge zu tragen.

II. Liefer- und Leistungszeit
Die von der Gesellschaft genannten Lieferfristen und -termine sind unverbindlich, soweit dies nicht ausdrücklich schriftlich anders vereinbart worden ist. Lieferverzögerungen, die die Gesellschaft nicht zu vertreten hat, führen zu einer Verlängerung der Lieferfristen und -termine in angemessenem Umfang. Dies gilt insbesondere bei Verzögerungen aufgrund höherer Gewalt und allen anderen Ereignissen (insbesondere auch Betriebsstörungen, Streik, Aussperrungen oder Störung der Verkehrswege), wenn diese Ereignisse von Einfluss auf die Einhaltung der Liefer- und Leistungszeit sind. Dies gilt auch, wenn die Umstände bei Lieferanten bzw. Unterlieferanten der Gesellschaft eintreten.
Für den Fall, dass eine Behinderung über einen Zeitraum von mehr als drei Monaten andauert, sind die Gesellschaft und der Vertragspartner nach angemessener Nachfristsetzung berechtigt, vom Vertrag zurückzutreten. Für den Fall, dass die Gesellschaft die Nichteinhaltung verbindlich zugesagter Liefer- und Leistungsfristen zu vertreten hat, ist der Anspruch des Vertragspartners auf eine Verzugsentschädigung auf höchstens 5 % des Rechnungsbetrags der vom Verzug betroffenen Leistung oder Lieferung begrenzt.
Wird der Versand auf Wunsch des Vertragspartners oder aus einem von ihm zu vertretenden Grunde verzögert, lagert die zu liefernde Sache auf Kosten und Gefahr des Vertragspartners. Die von der Gesellschaft erteilte Anzeige der Versandbereitschaft steht dem Versand gleich. Lagerkosten gelten entsprechend der jeweils aktuellen Preisliste.
Die Gefahr des zufälligen Unterganges geht auf den Vertragspartner über, sobald die Gesellschaft die zu liefernde Sache dem Spediteur, dem Frachtführer oder der sonst zur Ausführung der Versendung bestimmten Person oder Anstalt ausgeliefert hat. Die Gefahr geht spätestens mit der Auslieferung der zu liefernden Sache an den Vertragspartner über, dies gilt auch dann, wenn lediglich Teillieferungen erfolgen oder die Gesellschaft noch weitere Leistungen, wie Aufstellung oder Einweisung in Geräte übernommen hat.

Auf Wunsch des Vertragspartners wird die Lieferung auf Kosten des Vertragspartners gegen Diebstahl-, Bruch-, Transport-, Feuer- und Wasserschäden oder ähnliche versicherbare Risiken versichert. Hierzu hat der Vertragspartner bei der Annahmeerklärung eines Lieferangebots der Gesellschaft schriftlich mitzuteilen, welche Versicherungen gewünscht sind.
Hat der Vertragspartner Umstände, die zu einer Verzögerung des Versands führen, selbst zu vertreten, geht die Gefahr des zufälligen Untergangs des Versandguts vom Tage der Versandbereitschaft des Versandguts auf den Vertragspartner über.
Unwesentliche Mängel berechtigen nicht zur Abnahmeverweigerung des Vertragspartners.
Teillieferungen sind zulässig. Der Vertragspartner ist verpflichtet, die Transportverpackung auf seine Kosten und seine Gefahr an die Gesellschaft zurückzusenden.

III. Mängelhaftung

Der Anspruch auf Nacherfüllung verjährt in einem Jahr nach Übergabe der gelieferten Sache an den Vertragspartner. Die Ansprüche auf Minderung und Ausübung eines Rücktrittsrechts sind ausgeschlossen, wenn der Nacherfüllungsanspruch verjährt ist. Es gelten die Untersuchungs- und Rügeobliegenheiten der §§ 377, 378 HGB. Die Anzeige eines aufgrund ordnungsgemäßer Untersuchung entdeckten Mangels – einschließlich Falsch- und Minderlieferung – hat innerhalb einer Frist von drei Tagen zu erfolgen.
Liegen Mängel vor, steht der Gesellschaft ein Wahlrecht darüber zu, ob für den Fall der Nacherfüllung Mangelbeseitigung oder Lieferung einer mangelfreien Sache erfolgen soll. Ein Selbstvornahmerecht des Vertragspartner zur Beseitigung eines Mangels besteht nur dann, wenn der Vertragspartner die Gesellschaft zuvor schriftlich über festgestellte Mängel in Kenntnis gesetzt hat und eine angemessene Frist zur Nacherfüllung abgelaufen ist, in der die erforderliche Zeit und Gelegenheit für die Gesellschaft bestand, die Mangelbeseitigung vorzunehmen oder durch den Lieferanten vornehmen zu lassen. Etwas anderes gilt nur dann, wenn es die Abwehr unverhältnismäßig großer Schäden oder der Verzug der Gesellschaft erfordert, dem Vertragspartner ein Selbsthilferecht einzuräumen.
Kommt es in Folge einer Nichtbeachtung der Betriebs- oder Wartungsanweisungen der Gesellschaft oder aufgrund von ungeeigneter oder unsachgemäßer Verwendung, fehlerhafter Montage durch den Vertragspartner oder Dritte, natürlicher Abnutzung, fehlerhafter oder nachlässiger Behandlung, ungeeigneter Betriebsmittel, chemischer, elektrochemischer oder elektrischer Einflüsse, unsachgemäßer und ohne vorherige Genehmigung der Gesellschaft erfolgter Änderungen oder Instandsetzungen durch den Vertragspartner oder Dritte, Veränderungen an der gelieferten Sache, hier insbesondere Auswechselung von Teilen oder Verwendung nicht der Originalspezifikation entsprechender Verbrauchsmaterialien, zu Mängeln der gelieferten Sache, bestehen keine Sachmängelansprüche des Vertragspartners gegen die Gesellschaft. Gleiches gilt bei unsachgemäßer Verwendung, Lagerung oder fehlerhafter Inbetriebnahme. Soweit sich aus Nachstehendem nichts anderes ergibt, sind weitere Ansprüche des Vertragspartners – gleich aus welchem Rechtsgrund (insbesondere Schadensersatzansprüche aus Verletzung vertraglicher Nebenpflichten, unerlaubter Handlung sowie sonstiger deliktischer Haftung und Ansprüche auf Aufwendungsersatz mit Ausnahme desjenigen nach § 439 Abs. 2 BGB) – ausgeschlossen. Dies gilt insbesondere für Ansprüche aus Schäden außerhalb der gelieferten Sache sowie für den Anspruch auf Ersatz entgangenen Gewinns.
Der vorstehende Haftungsausschluss gilt nicht, sofern er einen Ausschluss oder eine Begrenzung der Schadensersatzhaftung für die Verletzung des Lebens, des Körpers oder der Gesundheit zur Folge hätte, die auf einer schuldhaften Pflichtverletzung der Gesellschaft, ihres gesetzlichen Vertreters oder ihres Erfüllungsgehilfen beruht.
Der Haftungsausschluss gilt ebenfalls nicht, sofern er einen Ausschluss oder eine Begrenzung der Haftung für sonstige Schäden zur Folge hätte, die auf einer vorsätzlichen oder grob fahrlässigen Pflichtverletzung der Gesellschaft, ihres gesetzlichen Vertreters oder ihres Erfüllungsgehilfen beruht. Die Haftung wegen einer schuldhaften Verletzung von wesentlichen Vertragspflichten der Gesellschaft ist auf den vertragstypisch vorhersehbaren Schaden begrenzt. Der Haftungsausschluss gilt nicht für Fälle, in denen eine Haftung für Personen- und Sachschäden nach Produkthaftungsgesetz besteht.

IV. Sonstige Haftung

Weitere Ansprüche – gleich aus welchem Rechtsgrund (insbesondere Ansprüche aus Verletzung vertraglicher Nebenpflichten, unerlaubter Handlung, Verzug, Unmöglichkeit) – sind ausgeschlossen. Dies gilt insbesondere für Ansprüche aus Schäden außerhalb der gelieferten Sache sowie für den Anspruch auf Ersatz entgangenen Gewinns. Dies gilt nicht, soweit die Schadensursache auf Vorsatz oder grober Fahrlässigkeit der Gesellschaft, ihres gesetzlichen Vertreters oder ihres Erfüllungsgehilfen beruht. Der vorstehende Haftungsausschluss gilt nicht, sofern er einen Ausschluss oder eine Begrenzung der Schadensersatzhaftung für die schuldhafte Verletzung des Lebens, des Körpers oder der Gesundheit zur Folge hätte. Die Haftung wegen einer schuldhaften Verletzung von wesentlichen Vertragspflichten der Gesellschaft ist auf den vertragstypisch vorhersehbaren Schaden begrenzt. Der Haftungsausschluss gilt nicht für Fälle, in denen eine Haftung für Personen- und Sachschäden nach Produkthaftungsgesetz besteht.
Für Lieferungen an die Gesellschaft gilt, dass der Lieferant verpflichtet ist, auf seine Kosten für Deckung einer Haftpflichtversicherung zu sorgen.
Ansprüche nach Produkthaftungsgesetzen anderer Staaten können nur in Höhe der gegen diese Ansprüche bestehenden Versicherungsdeckung der von der Gesellschaft abgeschlossenen Produkthaftpflichtversicherung geltend gemacht werden. Darüber hinausgehende Ansprüche sind vom Vertragspartner der Gesellschaft auf eigenen Kosten abzudecken.

V. Eigentumsvorbehalt

Bis zur Erfüllung sämtlicher vom Vertragspartner zu erfüllenden Forderungen bleibt die gelieferte Sache (im Folgenden auch »Vorbehaltsgut« genannt) Eigentum der Gesellschaft. Der Vertragspartner ist nicht berechtigt, die im Eigentum der Gesellschaft stehende Sache zu verpfänden oder zur Sicherung zu übereignen.

Der Vertragspartner ist verpflichtet, das Vorbehaltsgut pfleglich zu behandeln und auf seine Kosten gegen Feuer-, Wasser- und Diebstahlschäden zum Neuwert zu versichern.
Der Vertragspartner ist verpflichtet, Service- und Wartungsarbeiten durchführen zu lassen.
Kommt der Vertragspartner in Zahlungsverzug, ist die Gesellschaft berechtigt, das Vorbehaltsgut auf ihre Kosten zurückzunehmen. In der Zurücknahme des Vorbehaltsguts liegt kein Rücktritt vom Vertrag. Der Vertragspartner ist bei Pfändungen in das Vorbehaltsgut verpflichtet, dies unverzüglich der Gesellschaft anzuzeigen, um ihr Gelegenheit zur Interventionsklage gem. § 771 ZPO zu geben. Der Vertragspartner ist insoweit verpflichtet, der Gesellschaft die ihr durch diese Rechtsverfolgung entstehenden Kosten zu erstatten.
Geht das Eigentum der Gesellschaft durch Verbindung oder Vermischung unter, vereinbaren die Vertragsparteien, dass das Eigentum des Vertragspartners an der neuen einheitlichen Sache wertanteilsgemäß auf die Gesellschaft übergeht und fortan vom Vertragspartner unentgeltlich für die Gesellschaft verwahrt wird.
Der Vertragspartner tritt schon jetzt die sich aus der Weiterveräußerung der gelieferten Sache ergebenden Forderungen in Höhe des Wertes der jeweils verkauften Vorbehaltsware an die Gesellschaft ab, die diese Abtretung annimmt. Auf Verlangen der Gesellschaft ist der Vertragspartner verpflichtet, seinen Vertragspartner von der Abtretung an die Gesellschaft in Kenntnis zu setzen. Der Vertragspartner ist zum Einzug der Forderung ermächtigt.

C. Lieferungen an die Gesellschaft

Bestellungen der Gesellschaft sind nur dann rechtswirksam, wenn sie schriftlich erfolgen. Vereinbarte Lieferfristen und -termine sind verbindlich.
Gerät der Lieferant mit der Lieferung in Verzug, ist die Gesellschaft berechtigt, eine Vertragsstrafe in Höhe von 0,1 % des Gesamtpreises der Lieferung pro Arbeitstag bis zu einer Gesamthöhe von 5 % des Gesamtpreises der Lieferung vom Lieferanten zu fordern. Für den Fall, dass der Lieferant die Nichteinhaltung von Lieferfristen und -terminen zu vertreten hat, behält sich die Gesellschaft – bei Vorliegen der Voraussetzungen der Setzung einer angemessenen Frist – vor, vom Vertrag zurückzutreten und Schadensersatz geltend zu machen.
Die Gefahr des zufälligen Unterganges geht erst mit der Übergabe der Sache an die Gesellschaft über. Der Lieferant ist verpflichtet, die zu liefernde Sache auf seine Kosten zu versichern.
Für Lieferungen an die Gesellschaft gilt, dass die Gesellschaft als Nacherfüllung ihrer Wahl Mangelbeseitigung oder Lieferung einer mangelfreien Sache verlangen kann. Wählt die Gesellschaft Mangelbeseitigung des von ihr oder einem Vertragspartner festgestellten Mangels, ist sie auch berechtigt, eine Reparatur des Lieferguts durch den Lieferanten direkt bei ihrem Vertragspartner zu verlangen. Wählt die Gesellschaft Mangelbeseitigung, erfolgt die Versendung des mangelhaften Lieferguts zur Mängelbeseitigung an den Lieferanten auf dessen Kosten. Der Lieferant versendet das Liefergut nach Durchführung der Mangelbeseitigung ebenfalls auf seine Kosten an die Gesellschaft oder den von dieser benannten Vertragspartner zurück.
Der Rechnungsbetrag ist innerhalb von zehn Tagen nach Rechnungseingang mit 2 % Skonto, innerhalb von dreißig Tagen ohne Abzug fällig. Der Lieferant ist nicht berechtigt, ihm gegen die Gesellschaft zustehende Forderungen an Dritte abzutreten.
Etwaig bestehenden Regelungen innerhalb der Geschäftsbedingungen des Lieferanten bezüglich eines einfachen oder verlängerten Eigentumsvorbehalts wird ausdrücklich widersprochen. Diese besitzen keine Geltung.
Besteht bei dem Vertragsverhältnis ein Auslandsbezug, der die Beachtung außenwirtschaftlicher und zollrechtlicher Vorschriften zur Folge hat, obliegt es dem Lieferanten, für die Einhaltung der Vorschriften auf seine Kosten Sorge zu tragen.
Etwaig anfallende Zölle, Gebühren, Steuern oder sonstige öffentliche Abgaben trägt der Lieferant. Gleiches gilt für Kosten der Montage oder Aufstellung von Geräten.

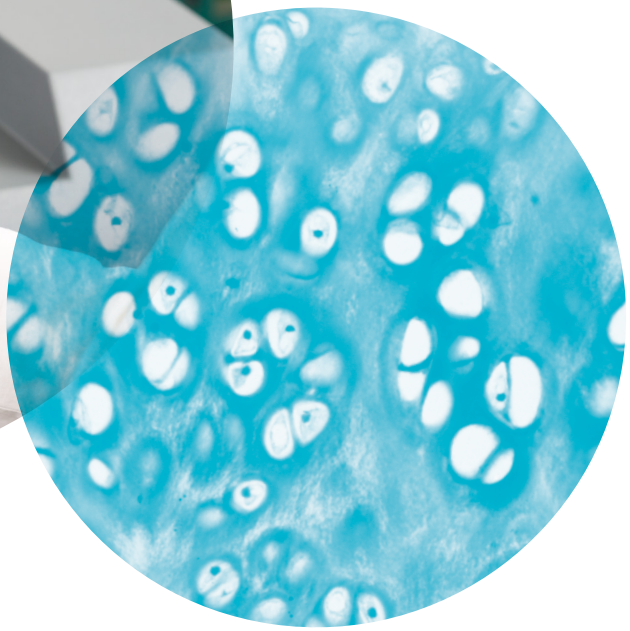
D. Schlussbestimmungen

Vertragsverhältnisse, die die Gesellschaft mit Vertragspartnern bzw. Lieferanten abschließt, unterliegen deutschem Recht unter Ausschluss der Regelungen des Wiener Übereinkommens über Verträge über den internationalen Warenkauf (CISG).
Im kaufmännischen Verkehr ist als ausschließlicher Gerichtsstand für sämtliche sich aus dem Vertragsverhältnis ergebenden Streitigkeiten Berlin vereinbart.
Sollten einzelne Bestimmungen dieser AGB ganz oder teilweise unwirksam sein oder werden, oder sollte sich in diesen AGB eine Lücke befinden, so soll hierdurch die Gültigkeit der übrigen Bestimmungen nicht berührt werden. Anstelle der unwirksamen Bestimmung gilt diejenige wirksame Bestimmung als vereinbart, welche dem Sinn und Zweck der unwirksamen Bestimmung möglichst weitgehend entspricht.
Im Falle einer Lücke gilt diejenige Bestimmung als vereinbart, die dem entspricht, was nach Sinn und Zweck dieser Bestimmung vereinbart worden wäre, hätte man die Angelegenheit von vornherein bedacht. Dies gilt auch dann, wenn die Unwirksamkeit einer Bestimmung auf einem normierten Maß der Leistung oder Zeit beruht; es tritt in solchen Fällen ein dem gewollten möglichst nahe kommendes rechtlich zulässiges Maß der Leistung oder Zeit anstelle des vereinbarten.

Stand der AGB 20. Mai 2022

imprint

Published by provitro AG
Editor: Dr. Manrico Paulitschke
Layout: www.polyform-net.de
Version: 2022-2023_1.2 of October 4, 2022



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