



Product List 2010

Human and Animal Primary Cells

Specialty and Classical Media

Cell Growth Supplements

Cell Transfection Kits

Cell Based Assays

DNA, RNA, and Proteins



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Helping the Scientists of *today*

Discover the Science of *tomorrow*

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Human Primary Cells

ScienCell's human cells are isolated from normal human tissue. They are cryopreserved immediately after purification and delivered frozen. All cells are rigorously tested to meet our high standards.

Cat. No.	Product	Description	Quantity
Nervous System			
1000	HBMEC	Human Brain Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
1100	HBVSMC	Human Brain Vascular Smooth Muscle Cells	5 x 10 ⁵ cells/vial
1110	HBVAF	Human Brain Vascular Adventitial Fibroblasts	5 x 10 ⁵ cells/vial
1200	HBVP	Human Brain Vascular Pericytes	5 x 10 ⁵ cells/vial
1300	HCPEC	Human Choroid Plexus Endothelial Cells	5 x 10 ⁵ cells/vial
1310	HCPEpiC	Human Choroid Plexus Epithelial Cells	5 x 10 ⁵ cells/vial
1320	HCPF	Human Choroid Plexus Fibroblasts	5 x 10 ⁵ cells/vial
1400	HMC	Human Meningeal Cells	5 x 10 ⁵ cells/vial
1520	HN	Human Neurons	1 x 10 ⁶ cells/vial
1520-5	HN	Human Neurons	5 x 10 ⁶ cells/vial
1520-10	HN	Human Neurons	10 x 10 ⁶ cells/vial
1530	HCGC	Human Cerebellar Granule Cells	1 x 10 ⁶ cells/vial
1540	HN-h	Human Neurons-hippocampal	1 x 10 ⁶ cells/vial
1600	HOPC	Human Oligodendrocyte Precursor Cells	1 x 10 ⁶ cells/vial
1610	HOPC-os	Human Oligodendrocyte Precursor Cells-oligospheres	1 x 10 ⁶ cells/vial
1700	HSC	Human Schwann Cells	5 x 10 ⁵ cells/vial
1710	HPC	Human Perineurial Cells	5 x 10 ⁵ cells/vial
1800	HA	Human Astrocytes	1 x 10 ⁶ cells/vial
1800-5	HA	Human Astrocytes	5 x 10 ⁶ cells/vial
1800-10	HA	Human Astrocytes	10 x 10 ⁶ cells/vial
1810	HA-c	Human Astrocytes-cerebellar	1 x 10 ⁶ cells/vial
1820	HA-sp	Human Astrocytes-spinal cord	1 x 10 ⁶ cells/vial
1830	HA-h	Human Astrocytes-hippocampal	1 x 10 ⁶ cells/vial
1900	HM	Human Microglia	5 x 10 ⁵ cells/vial
Dermal Cell System			
2000	HDMEC	Human Dermal Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
2010	HDLEC	Human Dermal Lymphatic Endothelial Cells	5 x 10 ⁵ cells/vial
2020	HDVSMC	Human Dermal Vascular Smooth Muscle Cells-neonate	5 x 10 ⁵ cells/vial
2030	HDMECf	Human Dermal Microvescular Endothelial Cells-fetal	5 x 10 ⁵ cells/vial
2100	HEK-n	Human Epidermal Keratinocytes-neonatal	5 x 10 ⁵ cells/vial
2110	HEK-a	Human Epidermal Keratinocytes-adult	5 x 10 ⁵ cells/vial
2120	HKf	Human Keratinocytes-fetal	
2200	HEM-l	Human Epidermal Melanocytes-light	5 x 10 ⁵ cells/vial
2210	HEM-m	Human Epidermal Melanocytes-medium	5 x 10 ⁵ cells/vial
2220	HEM-d	Human Epidermal Melanocytes-dark	5 x 10 ⁵ cells/vial
2230	HM	Human Melanocytes-adult	5 x 10 ⁵ cells/vial
2300	HDF-f	Human Dermal Fibroblasts-fetal	5 x 10 ⁵ cells/vial
2310	HDF-n	Human Dermal Fibroblasts-neonate	5 x 10 ⁵ cells/vial
2320	HDF-a	Human Dermal Fibroblasts-adult	5 x 10 ⁵ cells/vial
Hair Cell System			
2400	HHDPC	Human Hair Dermal Papilla Cells	5 x 10 ⁵ cells/vial
2410	HHGMC	Human Hair Germinal Matrix Cells	5 x 10 ⁵ cells/vial
2420	HHORSC	Human Hair Follicular Outer Root Sheath Cells	5 x 10 ⁵ cells/vial
2430	HHIRSC	Human Hair Follicular Inner Root Sheath Cells	5 x 10 ⁵ cells/vial
2440	HHFK	Human Hair Follicular Keratinocytes	5 x 10 ⁵ cells/vial

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
<u>Lymphatic System</u>			
2500		Human Lymphatic Endothelial Cells	5 x 10 ⁵ cells/vial
2530		Human Lymphatic Fibroblasts	5 x 10 ⁵ cells/vial
<u>Oral Cell System</u>			
2610	HOK	Human Oral Keratinocytes	5 x 10 ⁵ cells/vial
2620	HGF	Human Gingival Fibroblasts	5 x 10 ⁵ cells/vial
2630	HPLF	Human Periodontal Ligament Fibroblasts	5 x 10 ⁵ cells/vial
<u>Gastrointestinal Cell System</u>			
2700	HEEpiC	Human Esophageal Epithelial Cells	5 x 10 ⁵ cells/vial
2710	HESMC	Human Esophageal Smooth Muscle Cells	5 x 10 ⁵ cells/vial
2810	HGSMC	Human Gastric Smooth Muscle Cells	5 x 10 ⁵ cells/vial
2900	HIMEC	Human Intestinal Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
2910	HISMC	Human Intestinal Smooth Muscle Cells	5 x 10 ⁵ cells/vial
2930	HCoMEC	Human Colonic Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
2940	HCSMC	Human Colonic Smooth Muscle Cells	5 x 10 ⁵ cells/vial
<u>Pulmonary Cell System</u>			
3000	HPMEC	Human Pulmonary Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
3100	HPAEC	Human Pulmonary Artery Endothelial Cells	5 x 10 ⁵ cells/vial
3110	HPASMC	Human Pulmonary Artery Smooth Muscle Cells	5 x 10 ⁵ cells/vial
3120	HPAF	Human Pulmonary Artery Fibroblasts	5 x 10 ⁵ cells/vial
3200	HPAEpiC	Human Pulmonary Alveolar Epithelial Cells	1 x 10 ⁶ cells/vial
3210	HBEpiC	Human Bronchial Epithelial Cells	5 x 10 ⁵ cells/vial
3220	HTEpiC	Human Tracheal Epithelial Cells	5 x 10 ⁵ cells/vial
3230	HSAEpiC	Human Small Airway Epithelial Cells	5 x 10 ⁵ cells/vial
3300	HPF	Human Pulmonary Fibroblasts	5 x 10 ⁵ cells/vial
3300-1	HPF	Human Pulmonary Fibroblasts	1 x 10 ⁶ cells/vial
3400	HBSMC	Human Bronchial Smooth Muscle Cells	5 x 10 ⁵ cells/vial
3410	HTSMC	Human Tracheal Smooth Muscle Cells	5 x 10 ⁵ cells/vial
3420	HBF	Human Bronchial Fibroblasts	5 x 10 ⁵ cells/vial
<u>Skeletal Muscle Cell System</u>			
3500	HSkMC	Human Skeletal Muscle Cells	5 x 10 ⁵ cells/vial
3510	HSkMSC	Human Skeletal Muscle Satellite Cells	5 x 10 ⁵ cells/vial
3520	HSkMM	Human Skeletal Muscle Myoblasts	5 x 10 ⁵ cells/vial
<u>Endocrine Cell System</u>			
3600	HACC	Human Adrenal Cortical Cells	5 x 10 ⁵ cells/vial
<u>Renal Cell System</u>			
4000	HRGEC	Human Renal Glomerular Endothelial Cells	5 x 10 ⁵ cells/vial
4100	HRPTEpiC	Human Renal Proximal Tubular Epithelial Cells	5 x 10 ⁵ cells/vial
4110	HRCEpiC	Human Renal Cortical Epithelial Cells	5 x 10 ⁵ cells/vial
4120	HREpiC	Human Renal Epithelial Cells	5 x 10 ⁵ cells/vial
4200	HRMC	Human Renal Mesangial Cells	5 x 10 ⁵ cells/vial
<u>Urethral Cell System</u>			
4300	HBIMEC	Human Bladder Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
4310	HBISMC	Human Bladder Smooth Muscle Cells	5 x 10 ⁵ cells/vial
4320	HUC	Human Urothelial Cells	5 x 10 ⁵ cells/vial
4330	HBISF	Human Bladder Stromal Fibroblasts	5 x 10 ⁵ cells/vial

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
<u>Prostate Cell System</u>			
4400	HPrMEC	Human Prostate Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
4410	HPrEpiC	Human Prostate Epithelial Cells	5 x 10 ⁵ cells/vial
4430	HPrF	Human Prostate Fibroblasts	5 x 10 ⁵ cells/vial
<u>Skeletal Cell System</u>			
4600	HCO	Human Calvarial Osteoblasts	5 x 10 ⁵ cells/vial
4700	HS	Human Synoviocytes	5 x 10 ⁵ cells/vial
4800	HNPC	Human Nucleus Pulposus Cells	5 x 10 ⁵ cells/vial
4810	HAFC	Human Anulus Pulposus Cells	5 x 10 ⁵ cells/vial
<u>Hepatic Cell System</u>			
5000	HHSEC	Human Hepatic Sinusoidal Endothelial Cells	5 x 10 ⁵ cells/vial
5100	HIBEpiC	Human Intrahepatic Biliary Epithelial Cells	5 x 10 ⁵ cells/vial
5200	HH	Human Hepatocytes	1 x 10 ⁶ cells/vial
5300	HHSteC	Human Hepatic Stellate Cells	5 x 10 ⁵ cells/vial
<u>Cardiac Cell System</u>			
6000	HCMEC	Human Cardiac Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
6020	HCAEC	Human Coronary Artery Endothelial Cells	5 x 10 ⁵ cells/vial
6100	HAEC	Human Aortic Endothelial Cells	5 x 10 ⁵ cells/vial
6110	HASMC	Human Aortic Smooth Muscle Cells	5 x 10 ⁵ cells/vial
6120	HAF	Human Aortic Fibroblasts	5 x 10 ⁵ cells/vial
6200	HCM	Human Cardiac Myocytes	5 x 10 ⁵ cells/vial
6210	HCM-a	Human Cardiac Myocytes-adult	5 x 10 ⁵ cells/vial
6300	HCF	Human Cardiac Fibroblasts	5 x 10 ⁵ cells/vial
6310	HCF-av	Human Cardiac Fibroblasts-adult ventricular	5 x 10 ⁵ cells/vial
6320	HCF-aa	Human Cardiac Fibroblasts-adult atrial	5 x 10 ⁵ cells/vial
<u>Ocular Cell System</u>			
6510	HCEpiC	Human Corneal Epithelial Cells	5 x 10 ⁵ cells/vial
6520	HK	Human Keratocytes	5 x 10 ⁵ cells/vial
6530	HREC	Human Retinal Endothelial Cells	5 x 10 ⁵ cells/vial
6540	HRPEpiC	Human Retinal Pigment Epithelial Cells	5 x 10 ⁵ cells/vial
6550	HLEpiC	Human Lens Epithelial Cells	5 x 10 ⁵ cells/vial
6560	HIPEpiC	Human Iris Pigment Epithelial Cells	5 x 10 ⁵ cells/vial
6570	HConF	Human Conjunctival Fibroblasts	5 x 10 ⁵ cells/vial
6580	HNPCEpiC	Human Non-Pigment Ciliary Epithelial Cells	5 x 10 ⁵ cells/vial
6590	HTMC	Human Trabecular Meshwork Cells	5 x 10 ⁵ cells/vial
6630	HConEpiC	Human Conjunctival Epithelial Cells	5 x 10 ⁵ cells/vial
<u>Placenta Cell System</u>			
7100	HVCEC	Human Villus Capillary Endothelial Cells	5 x 10 ⁵ cells/vial
7110	HAmEpiC	Human Amniotic Epithelial Cells	5 x 10 ⁵ cells/vial
7120	HVT	Human Villous Trophoblasts	1 x 10 ⁶ cells/vial
7130	HVMF	Human Villous Mesenchymal Fibroblasts	5 x 10 ⁵ cells/vial
7140	HAMSC	Human Amniotic Mesenchymal Stromal Cells	5 x 10 ⁵ cells/vial
7150	HCMSC	Human Chorionic Mesenchymal Stromal Cells	5 x 10 ⁵ cells/vial
<u>Adipose Cell System</u>			
7200	HAMEC	Human Adipose Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
7210	HPA-v	Human Preadipocytes-visceral	1 x 10 ⁶ cells/vial
7220	HPA-s	Human Preadipocytes-subcutaneous	1 x 10 ⁶ cells/vial

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
<u>Ovarian Cell System</u>			
7300	HOMEc	Human Ovarian Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
7310	HOSEpiC	Human Ovarian Surface Epithelial Cells	5 x 10 ⁵ cells/vial
7330	HOF	Human Ovarian Fibroblasts	5 x 10 ⁵ cells/vial
<u>Mesenchymal Stem Cell System</u>			
7500	HMSC-bm	Human Mesenchymal Stem Cells-bone marrow	5 x 10 ⁵ cells/vial
7510	HMSC-ad	Human Mesenchymal Stem Cells-adipose	5 x 10 ⁵ cells/vial
7520	HMSC-hp	Human Mesenchymal Stem Cells-hepatic	5 x 10 ⁵ cells/vial
7530	HUMSC	Human Umbilical Mesenchymal Stem Cells	5 x 10 ⁵ cells/vial
7540	HPMSC	Human Pulmonary Mesenchymal Stem Cells	5 x 10 ⁵ cells/vial
7550	HVMSC	Human Vertebral Mesenchymal Stem Cells	5 x 10 ⁵ cells/vial
<u>Mammary Cell System</u>			
7600	HMMEC	Human Mammary Microvascular Endothelial Cells	5 x 10 ⁵ cells/vial
7610	HMEpiC	Human Mammary Epithelial Cells	5 x 10 ⁵ cells/vial
7630	HMF	Human Mammary Fibroblasts	5 x 10 ⁵ cells/vial
<u>Umbilical Cord Cell System</u>			
8000	HUVEC	Human Umbilical Vein Endothelial Cells	5 x 10 ⁵ cells/vial
8010	HUAEC	Human Umbilical Artery Endothelial Cells	5 x 10 ⁵ cells/vial
8020	HUVSMC	Human Umbilical Vein Smooth Muscle Cells	5 x 10 ⁵ cells/vial
8030	HUASMC	Human Umbilical Artery Smooth Muscle Cells	5 x 10 ⁵ cells/vial

Mouse Primary Cells

Cat. No.	Product	Description	Quantity
CD1 Mouse Cells			
M1200	MPC	Mouse Pituitary Cells	5 x 10 ⁵ cells/vial
M1400	MMenC	Mouse Meningeal Cells	5 x 10 ⁵ cells/vial
M1510	MN-r	Mouse Neurons-raphé	1 x 10 ⁶ cells/vial
M1520	MN-c	Mouse Neurons-cortical	1 x 10 ⁶ cells/vial
M1530	MGC	Mouse Granule Cells	1 x 10 ⁶ cells/vial
M1540	MN-h	Mouse Neurons-hippocampal	1 x 10 ⁶ cells/vial
M1550	MN-sn	Mouse Neurons-substantia nigra	1 x 10 ⁶ cells/vial
M1560	MN-s	Mouse Neurons-striatal	1 x 10 ⁶ cells/vial
M1570	MN-vc	Mouse Neurons-ventral spinal cord	1 x 10 ⁶ cells/vial
M1580	MN-dsc	Mouse Neurons-dorsal spinal cord	1 x 10 ⁶ cells/vial
M1600	MOPC	Mouse Oligodendrocyte Precursor Cells	5 x 10 ⁵ cells/vial
M1700	MSC	Mouse Schwann Cells	5 x 10 ⁵ cells/vial
M1710	MPNF	Mouse Perineural Fibroblasts	5 x 10 ⁵ cells/vial
M1800	MA	Mouse Astrocytes	5 x 10 ⁵ cells/vial
M1810	MA-c	Mouse Astrocytes-cerebellar	5 x 10 ⁵ cells/vial
M1820	MA-h	Mouse Astrocytes-hippocampal	5 x 10 ⁵ cells/vial
M1900	MM	Mouse Microglia	5 x 10 ⁵ cells/vial
M2530	MLF	Mouse Lymphatic Fibroblasts	5 x 10 ⁵ cells/vial
M4100	MRTEpiC	Mouse Renal Tubular Epithelial Cells	5 x 10 ⁵ cells/vial
M6200	MCM	Mouse Cardiac Myocytes	1 x 10 ⁶ cells/vial
M7500	MMSC-bm	Mouse Mesenchymal Stem Cells-bone marrow	5 x 10 ⁵ cells/vial
M7540	MEF	Mouse Embryonic Fibroblasts	5 x 10 ⁵ cells/vial
M7550	MEF-mt	Mouse Embryonic Fibroblasts-mitomycin treated	5 x 10 ⁵ cells/vial
CD57BL/6 Mouse Cells			
M1520-57	MN-c	Mouse Neurons-cortical	1 x 10 ⁶ cells/vial
M1530-57	MGC	Mouse Granule Cells	1 x 10 ⁶ cells/vial
M1540-57	MN-h	Mouse Neurons-hippocampal	1 x 10 ⁶ cells/vial
M1700-57	MSC	Mouse Schwann Cells	5 x 10 ⁵ cells/vial
M1800-57	MA	Mouse Astrocytes	5 x 10 ⁵ cells/vial
M1810-57	MA-c	Mouse Astrocytes-cerebellar	5 x 10 ⁵ cells/vial
M1820-57	MA-h	Mouse Astrocytes-hippocampal	5 x 10 ⁵ cells/vial
M1900-57	MM	Mouse Microglia	5 x 10 ⁵ cells/vial
M2530-57	MLF	Mouse Lymphatic Fibroblasts	5 x 10 ⁵ cells/vial
M4100-57	MRTEpiC	Mouse Renal Tubular Epithelial Cells	5 x 10 ⁵ cells/vial
M6200-57	MCM	Mouse Cardiac Myocytes	1 x 10 ⁶ cells/vial
M7500-57	MMSC-bm	Mouse Mesenchymal Stem Cells-bone marrow	5 x 10 ⁵ cells/vial
M7540-57	MEF-mt	Mouse Embryonic Fibroblasts	5 x 10 ⁵ cells/vial

Rat Primary Cells

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
<u>Sprague Dawley CD Rat Cells</u>			
R1200	RPC	Rat Pituitary Cells	5 x 10 ⁵ cells/vial
R1400	RMC	Rat Meningeal Cells	5 x 10 ⁵ cells/vial
R1510	RN-r	Rat Neurons-raphé	1 x 10 ⁶ cells/vial
R1520	RN-c	Rat Neurons-cortical	1 x 10 ⁶ cells/vial
R1530	RGC	Rat Granule Cells	1 x 10 ⁶ cells/vial
R1540	RN-h	Rat Neurons-hippocampal	1 x 10 ⁶ cells/vial
R1550	RN-sn	Rat Neurons-substantia nigra	1 x 10 ⁶ cells/vial
R1560	RN-s	Rat Neurons-striatal	1 x 10 ⁶ cells/vial
R1570	RN-vc	Rat Neurons-ventral spinal cord	1 x 10 ⁶ cells/vial
R1580	RN-dsc	Rat Neurons-dorsal spinal cord	1 x 10 ⁶ cells/vial
R1600	ROPC	Rat Oligodendrocyte Precursor Cells	1 x 10 ⁶ cells/vial
R1700	RSC	Rat Schwann Cells	5 x 10 ⁵ cells/vial
R1710	RPNF	Rat Perineural Fibroblasts	5 x 10 ⁵ cells/vial
R1800	RA	Rat Astrocytes	1 x 10 ⁶ cells/vial
R1810	RA-c	Rat Astrocytes-cerebellar	1 x 10 ⁶ cells/vial
R1820	RA-h	Rat Astrocytes-hippocampal	1 x 10 ⁶ cells/vial
R1900	RM	Rat Microglia	5 x 10 ⁵ cells/vial
R2530	RLF	Rat Lymphatic Fibroblasts	5 x 10 ⁵ cells/vial
R4100	RRTEpiC	Rat Renal Tubular Epithelial Cells	5 x 10 ⁵ cells/vial
R6200	RCM	Rat Cardiac Myocytes	1 x 10 ⁶ cells/vial
R7500	RMSC	Rat Mesenchymal Stem Cells-bone marrow	5 x 10 ⁵ cells/vial

Porcine Primary Cells

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
P6510	PCEpiC	Porcine Corneal Epithelial Cells	5 x 10 ⁵ cells/vial
P6550	PLEpiC	Porcine Lens Epithelial Cells	5 x 10 ⁵ cells/vial

Horse and Dog Primary Cells

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
H7510	HMSC-ad	Horse Mesenchymal Stem Cells-adipose	5 x 10 ⁵ cells/vial
D7510	DMSC-ad	Dog Mesenchymal Stem Cells-adipose	5 x 10 ⁵ cells/vial

Specialty Media

The specialty media prepared by ScienCell Research Laboratories are specially defined to provide the optimum growth conditions for each human cell type. Our media come in kits with growth supplements, penicillin and FBS (low serum media only).

Cat. No.	Product	Description	Quantity
Low Serum			
1001	ECM	Endothelial Cell Medium	500 ml
1101	SMCM	Smooth Muscle Cell Medium	500 ml
1201	PM	Pericyte Medium	500 ml
1401	MenCM	Meningeal Cell Medium	500 ml
1621	OM	Oligodendrocyte Medium	500 ml
1631	OPCDM	Oligodendrocyte Precursor Cell Differentiation Medium	500 ml
1701	SCM	Schwann Cell Medium	500 ml
1801	AM	Astrocyte Medium	500 ml
1811	ACM	Astrocyte Conditioned Medium	100 ml
1901	MM	Microglia Medium	500 ml
2201	MeIM	Melanocyte Medium	500 ml
2211	MeIM-2	Melanocyte Medium-2	500 ml
2301	FM	Fibroblast Medium	500 ml
3201	AEpiCM	Alveolar Epithelial Cell Medium	500 ml
3501	SkMCM	Skeletal Muscle Cell Medium	500 ml
4101	EpiCM	Epithelial Cell Medium	500 ml
4131	EpiCM-a	Epithelial Cell Medium-animal	500 ml
4201	MCM	Mesangial Cell Medium	500 ml
4601	ObM	Osteoblast Medium	500 ml
4701	SM	Synoviocyte Medium	500 ml
4801	NPCM	Nucleus Pulposus Cell Medium	500 ml
5201	HM	Hepatocyte Medium	500 ml
5301	SteCM	Stellate Cell Medium	500 ml
6201	CMM	Cardiac Myocyte Medium	500 ml
7121	TM	Trophoblast Medium	500 ml
7211	PAM	Preadipocyte Medium	500 ml
7501	MSCM	Mesenchymal Stem Cell Medium	500 ml
7531	MODM	Mesenchymal Stem Cell Osteogenic Differentiation Medium	500 ml
7541	MADM	Mesenchymal Stem Cell Adipogenic Differentiation Medium	500 ml
Serum Free			
1521	NM	Neuronal Medium	500 ml
1601	OPCM	Oligodendrocyte Precursor Cell Medium	500 ml
1611	OsM	Oligosphere Medium	500 ml
2101	KM	Keratinocyte Medium	500 ml
2111	KM-d	Keratinocyte Medium-defined	500 ml
2311	FM-sf	Fibroblast Medium-serum free	500 ml
2611	OKM	Oral Keratinocyte Medium	500 ml
3211	BEpiCM	Bronchial Epithelial Cell Medium	500 ml
3231	SAEpiCM	Small Airway Epithelial Cell Medium	500 ml
4121	EpiCM-2	Epithelial Cell Medium-2	500 ml
4321	UCM	Urothelial Cell Medium	500 ml
4411	PEpiCM	Prostate Epithelial Cell Medium	500 ml
6511	CEpiCM	Corneal Epithelial Cell Medium	500 ml
7311	OEpiCM	Ovarian Epithelial Cell Medium	500 ml
7511	MSCM-sf	Mesenchymal Stem Cell Medium-serum free	500 ml
7611	MEpiCM	Mammary Epithelial Cell Medium	500 ml
Animal Component Free			
2121	KM-acf	Keratinocyte Medium-animal component free	500 ml
2321	FM-acf	Fibroblast Medium-animal component free	500 ml
Phenol Red Free			
1011	ECM-prf	Endothelial Cell Medium-phenol red free	500 ml
4111	EpiCM-prf	Epithelial Cell Medium-phenol red free	500 ml

Classical Media

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
09011	MEM	MEM with Earle's salts and L-glutamine	500 ml
09021	MEM	MEM with Hank's Salts and L-glutamine	500 ml
09031	MEM	MEM with Eagles's Salts and L-glutamine	500 ml
09111	M199	Medium 199 with Earle's salts and L-glutamine	500 ml
09121	M199	Medium 199 with Hank's salts and L-glutamine	500 ml
09211	DMEM	DMEM with L-glutamine and sodium pyruvate	500 ml
09221	DMEM	DMEM with high glucose, L-glutamine and sodium pyruvate	500 ml
09231	DMEM	DMEM with L-glutamine, sodium pyruvate, and 25 mM HEPES	500 ml
09241	DMEM	DMEM with high glucose, L-glutamine, sodium pyruvate, and 25 mM HEPES	500 ml
09311	Ham's F-10	F-10 with L-glutamine and 25 mM HEPES	500 ml
09321	Ham's F-12	F-12 with L-glutamine and 25 mM HEPES	500 ml
09411	DMEM/F-12	DMEM/F-12 with L-glutamine	500 ml
09421	DMEM/F-12	DMEM/F-12 with L-glutamine and 15 mM HEPES	500 ml
09511	RPMI 1640	RPMI 1640 without L-glutamine, with 25 mM HEPES	500 ml
09521	RPMI 1640	RPMI 1640 with L-glutamine, with 25 mM HEPES	500 ml
09611	IMDM	IMDM with L-glutamine and 25 mM HEPES; without alpha-thioglycerol, 2-mercaptoethanol	500 ml

Cell Culture Supplements

Cat. No.	Product	Description	Quantity
1052	ECGS	Endothelial Cell Growth Supplement	5 ml
1152	SMCGS	Smooth Muscle Cell Growth Supplement	5 ml
1252	PGS	Pericyte Growth Supplement	5 ml
1452	MenCGS	Meningeal Cell Growth Supplement	5 ml
1562	NGS	Neuronal Growth Supplement	5 ml
1652	OPCGS	Oligodendrocyte Precursor Cell Growth Supplement	5 ml
1662	OGS	Oligodendrocyte Growth Supplement	5 ml
1672	OPCDS	Oligodendrocyte Precursor Cell Differentiation Supplement	5 ml
1752	SCGS	Schwann Cell Growth Supplement	5 ml
1852	AGS	Astrocyte Growth Supplement	5 ml
1952	MGS	Microglia Growth Supplement	5 ml
2152	KGS	Keratinocyte Growth Supplement	5 ml
2162	KGS-2	BPE-free Keratinocyte Growth Supplement	5 ml
2172	KGS-acf	Keratinocyte Growth Supplement-animal component free	5 ml
2252	MeIGS	Melanocyte Growth Supplement	5 ml
2262	MeIGS-2	TPA-free Melanocyte Growth Supplement	5 ml
2352	FGS	Fibroblast Growth Supplement	5 ml
2362	FGS-2	Fibroblast Growth Supplement-2	5 ml
2372	FGS-acf	Fibroblast Growth Supplement-animal component free	5 ml
2652	OKGS	Oral Keratinocyte Growth Supplement	5 ml
3262	BEpiCGS	Bronchial Epithelial Cell Growth Supplement	5 ml
3272	SAEpiCGS	Small Airway Epithelial Cell Growth Supplement	5 ml
3552	SkMCGS	Skeletal Muscle Cell Growth Supplement	5 ml
4152	EpiCGS	Epithelial Cell Growth Supplement	5 ml
4162	EpiCGS-2	Epithelial Cell Growth Supplement-2	5 ml
4182	EpiCGS-a	Epithelial Cell Growth Supplement-animal	5 ml
4252	MCGS	Mesangial Cell Growth Supplement	5 ml
4352	UCGS	Urothelial Cell Growth Supplement	5 ml
4452	PEpiCGS	Prostate Epithelial Cell Growth Supplement	5 ml
4652	ObGS	Osteoblast Growth Supplement	5 ml
4752	SGS	Synoviocyte Growth Supplement	5 ml
4852	NPCGS	Nucleus Pulposus Cell Growth Supplement	5 ml
5252	HGS	Hepatocyte Growth Supplement	5 ml
5352	SteCGS	Stellate Cell Growth Supplement	5 ml
6152	CEpiCGS	Corneal Epithelial Cell Growth Supplement	5 ml
6252	CMGS	Cardiac Myocyte Growth Supplement	5 ml
7152	TGS	Trophoblast Growth Supplement	5 ml
7252	PAGS	Preadipocyte Growth Supplement	5 ml
7552	MSCGS	Mesenchymal Stem Cell Growth Supplement	5 ml
7562	MSCGS-2	Mesenchymal Stem Cell Growth Supplement-serum free	5 ml
7652	MEpiCGS	Mammary Epithelial Cell Growth Supplement	5 ml

Cell Culture Reagents

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
0010	FBS	Fetal Bovine Serum, Human Cell Tested	10 ml
0025	FBS	Fetal Bovine Serum, Human Cell Tested	25 ml
0103	T/E	Trypsin/EDTA solution	100 ml
0113	TNS	Trypsin Neutralization Solution	100 ml
0123	ECDS	Enzyme-Free Cell Dissociation Solution	100 ml
0133	CFM	Cell Freezing Medium	50 ml
0143	SF-CFM	Serum-Free Cell Freezing Medium	50 ml
0203	TB	Trypan Blue, 0.4%	50 ml
0303	DPBS	Dulbecco's Phosphate-Buffered Saline	500 ml
0313	HBSS	Hank's Balanced Salt Solution	500 ml
0403	PLL	Poly-L-Lysine 1 mg/ml	1 ml
0413	PLL	Poly-L-Lysine 10 mg/ml	1 ml
0500	FBS	Fetal Bovine Serum, Human Cell Tested	500 ml
0503	P/S	Penicillin/Streptomycin Solution	5 ml
0513	P/S	Penicillin/Streptomycin Solution	100 ml
0523	AMS	Antimycotic Solution	50 ml
0533	ABAMS	Antibiotic/Antimycotic Solution	50 ml
0600	CCGW	Cell Culture Grade Water	500 ml
0703	BPE	Bovine Pituitary Extract	25 mg
0713	BPE	Bovine Pituitary Extract	100 mg
0803	ITS	Insulin-Transferrin-Selenium, 100x	10 ml
0813	L-Glu	L-Glutamine Solution, 200 mM	100 ml
8188	CCCCK	Collage I-Cell Culture Surface Coating Kit	10 mg

Primary Cell Transfection Kits

Our transfection kits are optimized for specific primary cell types. One day transfection with these cationic polymer based kits can be carried out in the presence of antibiotics and serum.

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
0903	EndoFectagen®	Endothelial Cell Transfection Kit	250 Transfections
0913	FibroFectagen I®	Fibroblast Transfection Kit	200 Transfections
0923	EpiFectagen®	Epithelial Cell Transfection Kit	100 Transfections
0933	MesenFectagen®	Mesenchymal Stem Cell Transfection Kit	250 Transfections
0943	AstroFectagen®	Astrocyte Transfection Kit	250 Transfections
0953	SMCFectagen®	Smooth Muscle Cell Transfection Kit	250 Transfections
0963	KeratoFectagen®	Keratinocyte Transfection Kit	200 Transfections
0973	EpiFectagen II®	Epithelial Cell Transfection Kit	250 Transfections

Cell Based Assay

ScienCell has created a series of cell-based assays optimized for primary cells. These kits will help you test cell adhesion, viability and proliferation, senescence, transfection efficiency, and a cells survival rate. All our assays come in complete kits with the reagents and the necessary well plates.

Cat. No.	Product	Description	Quantity
8008	Col	Collagen I Cell Adhesion Assay	48 tests
8018	Fibro	Fibronectin Cell Adhesion Assay	48 tests
8028	MTT	MTT Cell Viability and Proliferation Assay	1000 tests
8038	WST	WST-1 Cell Viability and Proliferation Assay	1000 tests
8058	CSA	Cell Senescence Assay	50 tests
8068	GalC	Beta-Galactosidase Colorimetric Assay	50 tests
8078	LDH	LDH Cytotoxicity Assay	500 tests
8088	TUNEL	Colorimetric TUNEL Apoptosis Assay	50 tests
8098	NO	Colorimetric Nitric Oxide Assay	250 tests
8108	NPP	pNPP Phosphatase Assay	500 tests
8118	MGPA	Malachite Green Phosphate Assay	2500 tests
8128	CCA	Colorimetric Calcium Assay	250 tests
8138	CSK	Live/Dead Cell Staining Kit	1000 tests
8148	GAPDH	Colorimetric GAPDH Assay	100 tests
8158	IVTFA	In Vitro Tube Fomation Assay (Angiogenesis Assay)	50 tests
8168	TACA	Total Antioxidant Capacity Assay	100 tests
8178	C3DGK	Collagen I-3D Gelling Kit	100 mg
8188	CCCCK	Collage I-Cell Culture Surface Coating Kit	10 mg
8198	SOD	Superoxide Dismutase Assay	100 tests
8208	MYCO	Mycoplasma PCR Detection Kit	100 tests
8218	CAT	Catalase Activity Assay	100 tests
8228	CAS	Caspase-3 Assay	100 tests

cDNA

ScienCell Research Laboratories' PCR-ready first strand cDNA is an excellent sources of cell specific, first strand cDNA. It can be used immediately for a gene discovery or expression analysis.

Cat. No.	Product	Description	Quantity
1004	HBMEC cDNA	Human Brain Microvascular Endothelial Cell cDNA	20 reactions
1104	HBVSMC cDNA	Human Brain Vascular Smooth Muscle Cell cDNA	20 reactions
1204	HBVP cDNA	Human Brain Vascular Pericyte cDNA	20 reactions
1304	HCPEC cDNA	Human Choroid Plexus Endothelial Cell cDNA	20 reactions
1314	HCPEpiC cDNA	Human Choroid Plexus Epithelial Cell cDNA	20 reactions
1324	HCPF cDNA	Human Choroid Plexus Fibroblast cDNA	20 reactions
1404	HMC cDNA	Human Meningeal Cell cDNA	20 reactions
1524	HN cDNA	Human Neuron cDNA	20 reactions
1534	HCGC cDNA	Human Cerebellar Granule Cell cDNA	20 reactions
1544	HN-h cDNA	Human Neuron-hippocampal cDNA	20 reactions
1604	HOPC cDNA	Human Oligodendrocyte Precursor Cell cDNA	20 reactions
1614	HOPC-os cDNA	Human Oligodendrocyte Precursor Cell-oligosphere cDNA	20 reactions
1704	HSC cDNA	Human Schwann Cell cDNA	20 reactions
1714	HPC cDNA	Human Perineurial Cell cDNA	20 reactions
1804	HA cDNA	Human Astrocyte cDNA	20 reactions
1814	HA-c cDNA	Human Astrocyte-cerebellar cDNA	20 reactions
1824	HA-sp cDNA	Human Astrocyte-spinal cord cDNA	20 reactions
1834	HA-h cDNA	Human Astrocyte-hippocampal cDNA	20 reactions
1904	HM cDNA	Human Microglia cDNA	20 reactions
2004	HDMEC cDNA	Human Dermal Microvascular Endothelial Cell cDNA	20 reactions
2014	HDLEC cDNA	Human Dermal Lymphatic Endothelial Cell cDNA	20 reactions
2104	HEK-n cDNA	Human Epidermal Keratinocyte-neonate cDNA	20 reactions
2114	HEK-a cDNA	Human Epidermal Keratinocyte-adult cDNA	20 reactions
2204	HEM-l cDNA	Human Epidermal Melanocyte- light cDNA	20 reactions
2214	HEM-m cDNA	Human Epidermal Melanocyte-medium cDNA	20 reactions
2224	HEM-d cDNA	Human Epidermal Melanocyte-dark cDNA	20 reactions
2304	HDF-f cDNA	Human Dermal Fibroblast-fetal cDNA	20 reactions
2314	HDF-n cDNA	Human Dermal Fibroblast-neonate cDNA	20 reactions
2324	HDF-a cDNA	Human Dermal Fibroblast-adult cDNA	20 reactions
2404	HHDPc cDNA	Human Hair Dermal Papilla Cell cDNA	20 reactions
2414	HHGMC cDNA	Human Hair Germinal Matrix Cell cDNA	20 reactions
2424	HHORSC cDNA	Human Hair Follicular Outer Root Sheath Cell cDNA	20 reactions
2434	HHIRSC cDNA	Human Hair Follicular Inner Root Sheath Cell cDNA	20 reactions
2504	HLEC cDNA	Human Lymphatic Endothelial Cell cDNA	20 reactions
2534	HLF cDNA	Human Lymphatic Fibroblast cDNA	20 reactions
2614	HOK cDNA	Human Oral Keratinocyte cDNA	20 reactions
2624	HGF cDNA	Human Gingival Fibroblast cDNA	20 reactions
2634	HPLF cDNA	Human Periodontal Ligament Fibroblast cDNA	20 reactions
2704	HEEpiC cDNA	Human Esophageal Epithelial Cell cDNA	20 reactions
2714	HESMC cDNA	Human Esophageal Smooth Muscle Cell cDNA	20 reactions
2904	HIMEC cDNA	Human Intestinal Microvascular Endothelial Cell cDNA	20 reactions
2914	HISMC cDNA	Human Intestinal Smooth Muscle Cell cDNA	20 reactions
2944	HCSMC cDNA	Human Colonic Smooth Muscle Cell cDNA	20 reactions
3004	HPMEC cDNA	Human Pulmonary Microvascular Endothelial Cell cDNA	20 reactions
3104	HPAEC cDNA	Human Pulmonary Artery Endothelial Cell cDNA	20 reactions
3114	HPASMC cDNA	Human Pulmonary Artery Smooth Muscle Cell cDNA	20 reactions
3124	HPAF cDNA	Human Pulmonary Artery Fibroblast cDNA	20 reactions
3204	HPAEpiC cDNA	Human Pulmonary Alveolar Epithelial Cell cDNA	20 reactions
3214	HBEPiC cDNA	Human Bronchial Epithelial Cell cDNA	20 reactions

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
3224	HTEpiC cDNA	Human Tracheal Epithelial Cell cDNA	20 reactions
3234	HSAEpiC cDNA	Human Small Airway Epithelial Cell cDNA	20 reactions
3304	HPF cDNA	Human Pulmonary Fibroblast cDNA	20 reactions
3404	HBSMC cDNA	Human Bronchial Smooth Muscle Cell cDNA	20 reactions
3414	HTSMC cDNA	Human Tracheal Smooth Muscle Cell cDNA	20 reactions
3504	HskMC cDNA	Human Skeletal Muscle Cell cDNA	20 reactions
3514	HskMSC cDNA	Human Skeletal Muscle Satellite Cell cDNA	20 reactions
3524	HskMM cDNA	Human Skeletal Muscle Myoblast cDNA	20 reactions
4004	HRGEC cDNA	Human Renal Glomerular Endothelial Cell cDNA	20 reactions
4104	HRPTEpiC cDNA	Human Renal Proximal Tubular Epithelial Cell cDNA	20 reactions
4114	HRCEpiC cDNA	Human Renal Cortical Epithelial Cell cDNA	20 reactions
4124	HREpiC cDNA	Human Renal Epithelial Cell cDNA	20 reactions
4204	HRMC cDNA	Human Renal Mesangial Cell cDNA	20 reactions
4304	HBIMEC cDNA	Human Bladder Microvascular Endothelial Cell cDNA	20 reactions
4314	HBISMC cDNA	Human Bladder Smooth Muscle Cell cDNA	20 reactions
4324	HUC cDNA	Human Urothelial Cell cDNA	20 reactions
4334	HBISF cDNA	Human Bladder Stromal Fibroblast cDNA	20 reactions
4404	HPrMEC cDNA	Human Prostate Microvascular Endothelial Cell cDNA	20 reactions
4414	HPrEpiC cDNA	Human Prostate Epithelial Cell cDNA	20 reactions
4434	HPrF	Human Prostate Fibroblast cDNA	20 reactions
4604	HCO cDNA	Human Calvarial Osteoblast cDNA	20 reactions
4704	HS cDNA	Human Synovioocyte cDNA	20 reactions
4804	HNPC cDNA	Human Nucleus Pulposus Cell cDNA	20 reactions
4814	HAFC cDNA	Human Anulus Pulposus Cell cDNA	20 reactions
5004	HHSEC cDNA	Human Hepatic Sinusoidal Endothelial Cell cDNA	20 reactions
5104	HIBEpiC cDNA	Human Intrahepatic Biliary Epithelial Cell cDNA	20 reactions
5204	HH cDNA	Human Hepatocyte cDNA	20 reactions
5304	HHStc cDNA	Human Hepatic Stellate Cell cDNA	20 reactions
6004	HCMEC cDNA	Human Cardiac Microvascular Endothelial Cell cDNA	20 reactions
6104	HAEC cDNA	Human Aortic Endothelial Cell cDNA	20 reactions
6114	HASMC cDNA	Human Aortic Smooth Muscle Cell cDNA	20 reactions
6204	HCM cDNA	Human Cardiac Myocyte cDNA	20 reactions
6214	HCM-a cDNA	Human Cardiac Myocyte-adult cDNA	20 reactions
6304	HCF cDNA	Human Cardiac Fibroblast cDNA	20 reactions
6314	HCF-av cDNA	Human Cardiac Fibroblast-adult ventricular cDNA	20 reactions
6324	HCF-aa cDNA	Human Cardiac Fibroblast-adult atrial cDNA	20 reactions
6514	HCEpiC cDNA	Human Corneal Epithelial Cell cDNA	20 reactions
6524	HK cDNA	Human Keratocyte cDNA	20 reactions
6544	HRPEpiC cDNA	Human Retinal Pigment Epithelial Cell cDNA	20 reactions
6554	HLEpiC cDNA	Human Lens Epithelial Cell cDNA	20 reactions
6564	HIPEpiC cDNA	Human Iris Pigment Epithelial Cell cDNA	20 reactions
6574	HConF cDNA	Human Conjunctival Fibroblast cDNA	20 reactions
6584	HNPCEpiC cDNA	Human Non-Pigment Ciliary Epithelial Cell cDNA	20 reactions
6594	HTMC cDNA	Human Trabecular Meshwork Cell cDNA	20 reactions
7104	HVCEC cDNA	Human Villus Capillary Endothelial Cell cDNA	20 reactions
7114	HAmEpiC cDNA	Human Amniotic Epithelial Cell cDNA	20 reactions
7124	HVT cDNA	Human Villous Trophoblast cDNA	20 reactions
7134	HVMF cDNA	Human Villous Mesenchymal Fibroblast cDNA	20 reactions
7144	HAMSC cDNA	Human Amniotic Mesenchymal Stromal Cell cDNA	20 reactions
7154	HCMSC cDNA	Human Chorionic Mesenchymal Stromal Cell cDNA	20 reactions
7214	HPA-v cDNA	Human Preadipocyte-visceral cDNA	20 reactions
7224	HPA-s cDNA	Human Preadipocyte-subcutaneous cDNA	20 reactions

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
7300	HOMEC cDNA	Human Ovarian Microvascular Endothelial Cell cDNA	20 reactions
7310	HOSEpiC cDNA	Human Ovarian Surface Epithelial Cell cDNA	20 reactions
7320	HOF cDNA	Human Ovarian Fibroblast cDNA	20 reactions
7504	HMSC-bm cDNA	Human Mesenchymal Stem Cell-bone marrow cDNA	20 reactions
7514	HMSC-ad cDNA	Human Mesenchymal Stem Cell-adipose cDNA	20 reactions
7524	HMSC-hp cDNA	Human Mesenchymal Stem Cell-hepatic cDNA	20 reactions
7534	HUMSC cDNA	Human Umbilical Mesenchymal Stem Cell cDNA	20 reactions
7544	HPMSC cDNA	Human Pulmonary Mesenchymal Stem Cell cDNA	20 reactions
7554	HVMSC cDNA	Human Vertebral Mesenchymal Stem Cell cDNA	20 reactions
7604	HMMEC cDNA	Human Mammary Endothelial Cell cDNA	20 reactions
7614	HMEpiC cDNA	Human Mammary Epithelial Cell cDNA	20 reactions
7634	HMF cDNA	Human Mammary Fibroblast cDNA	20 reactions
8004	HUVEC cDNA	Human Umbilical Vein Endothelial Cell cDNA	20 reactions
8014	HUAEC cDNA	Human Umbilical Artery Endothelial Cell cDNA	20 reactions
8024	HUVSMC cDNA	Human Umbilical Vein Smooth Muscle Cell cDNA	20 reactions
8034	HUASM C cDNA	Human Umbilical Artery Smooth Muscle Cell cDNA	20 reactions

Genomic DNA

ScienCell's genomic DNA is isolated from early passage of over 100 different human primary cell types by Qiagen Allprep kit. The quality and purity of genomic DNA are tested by spectrophotometer and electrophoresis.

Cat. No.	Product	Description	Quantity
1009	HBMEC gDNA	Human Brain Microvascular Endothelial Cell Genomic DNA	5 µg
1109	HBVSMC gDNA	Human Brain Vascular Smooth Muscle Cell Genomic DNA	5 µg
1209	HBVP gDNA	Human Brain Vascular Pericyte Genomic DNA	5 µg
1309	HCPEC gDNA	Human Choroid Plexus Endothelial Cell Genomic DNA	5 µg
1319	HCPEpiC gDNA	Human Choroid Plexus Epithelial Cell Genomic DNA	5 µg
1329	HCPF gDNA	Human Choroid Plexus Fibroblast Genomic DNA	5 µg
1409	HMC gDNA	Human Meningeal Cell Genomic DNA	5 µg
1529	HN gDNA	Human Neuron Genomic DNA	5 µg
1539	HCGC gDNA	Human Cerebellar Granule Cell Genomic DNA	5 µg
1549	HN-h gDNA	Human Neuron-hippocampal total RNA	5 µg
1609	HOPC gDNA	Human Oligodendrocyte Precursor Cell Genomic DNA	5 µg
1619	HOPC-os gDNA	Human Oligodendrocyte Precursor Cell Genomic DNA	5 µg
1709	HSC gDNA	Human Schwann Cell Genomic DNA	5 µg
1719	HPC gDNA	Human Perineurial Cell Genomic DNA	5 µg
1809	HA gDNA	Human Astrocyte Genomic DNA	5 µg
1819	HA-c gDNA	Human Astrocyte-cerebellar Genomic DNA	5 µg
1829	HA-sp gDNA	Human Astrocyte-spinal cord Genomic DNA	5 µg
1839	HA-h gDNA	Human Astrocyte-hippocampal Genomic DNA	5 µg
1909	HM gDNA	Human Microglia Genomic DNA	5 µg
2009	HDMEC gDNA	Human Dermal Microvascular Genomic DNA	5 µg
2019	HDLEC gDNA	Human Dermal Lymphatic Endothelial Cell Genomic DNA	5 µg
2109	HEK-n gDNA	Human Epidermal Keratinocyte-neonate Genomic DNA	5 µg
2119	HEK-a gDNA	Human Epidermal Keratinocyte-adult Genomic DNA	5 µg
2209	HEM-l gDNA	Human Epidermal Melanocyte-light Genomic DNA	5 µg
2219	HEM-m gDNA	Human Epidermal Melanocyte-medium Genomic DNA	5 µg
2229	HEM-d gDNA	Human Epidermal Melanocyte-dark Genomic DNA	5 µg
2309	HDF-f gDNA	Human Dermal Fibroblast-fetal Genomic DNA	5 µg
2319	HDF-n gDNA	Human Dermal Fibroblast-neonate Genomic DNA	5 µg
2329	HDF-a gDNA	Human Dermal Fibroblast-adult Genomic DNA	5 µg
2409	HHDPC gDNA	Human Hair Dermal Papilla Cell Genomic DNA	5 µg
2419	HHGMC gDNA	Human Hair Germinal Matrix Cell Genomic DNA	5 µg
2429	HHORSC gDNA	Human Hair Follicular Outer Root Sheath Cell Genomic DNA	5 µg
2439	HHIRSC gDNA	Human Hair Follicular Inner Root Sheath Cell Genomic DNA	5 µg
2509	HLEC gDNA	Human Lymphatic Endothelial Cell Genomic DNA	5 µg
2539	HLF gDNA	Human Lymphatic Fibroblast Genomic DNA	5 µg
2619	HOK gDNA	Human Oral Keratinocyte Genomic DNA	5 µg
2629	HGF gDNA	Human Gingival Fibroblast Genomic DNA	5 µg
2639	HPLF gDNA	Human Periodontal Ligament Fibroblast Genomic DNA	5 µg
2709	HEEpiC gDNA	Human Esophageal Epithelial Cell Genomic DNA	5 µg
2719	HESMC gDNA	Human Esophageal Smooth Muscle Cell Genomic DNA	5 µg
2909	HIMEC gDNA	Human Intestinal Microvascular Endothelial Cell Genomic DNA	5 µg
2919	HISMC gDNA	Human Intestinal Smooth Muscle Cell Genomic DNA	5 µg
2949	HCSMC gDNA	Human Colonic Smooth Muscle Cell Genomic DNA	5 µg
3009	HPMEC gDNA	Human Pulmonary Microvascular Endothelial Cell Genomic DNA	5 µg
3109	HPAEC gDNA	Human Pulmonary Artery Endothelial Cell Genomic DNA	5 µg
3119	HPASMC gDNA	Human Pulmonary Artery Smooth Muscle Cell Genomic DNA	5 µg
3129	HPAF gDNA	Human Pulmonary Artery Fibroblast Genomic DNA	5 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
3229	HTEpiC gDNA	Human Tracheal Epithelial Cell Genomic DNA	5 µg
3239	HSAEpiC gDNA	Human Small Airway Epithelial Cell Genomic DNA	5 µg
3309	HPF gDNA	Human Pulmonary Fibroblast Genomic DNA	5 µg
3409	HBSMC gDNA	Human Bronchial Smooth Muscle Cell Genomic DNA	5 µg
3419	HTSMC gDNA	Human Tracheal Smooth Muscle Cell Genomic DNA	5 µg
3509	HSkMC gDNA	Human Skeletal Muscle Cell Genomic DNA	5 µg
3519	HSkMSC gDNA	Human Skeletal Muscle Satellite Cell Genomic DNA	5 µg
3529	HSkMM gDNA	Human Skeletal Muscle Myoblast Genomic DNA	5 µg
4009	HRGEC gDNA	Human Renal Glomerular Endothelial Cell Genomic DNA	5 µg
4109	HRPTEpiC gDNA	Human Renal Proximal Tubular Epithelial Cell Genomic DNA	5 µg
4119	HRCEpiC gDNA	Human Renal Cortical Epithelial Cell Genomic DNA	5 µg
4129	HREpiC gDNA	Human Renal Epithelial Cell Genomic DNA	5 µg
4209	HRMC gDNA	Human Renal Mesangial Cell Genomic DNA	5 µg
4309	HBIMEC gDNA	Human Bladder Microvascular Endothelial Cell Genomic DNA	5 µg
4319	HBISMC gDNA	Human Bladder Smooth Muscle Cell Genomic DNA	5 µg
4329	HUC gDNA	Human Urothelial Cell Genomic DNA	5 µg
4339	HBISF gDNA	Human Bladder Stromal Fibroblast Genomic DNA	5 µg
4409	HPrMEC gDNA	Human Prostate Microvascular Endothelial Cell Genomic DNA	5 µg
4419	HPrEpiC gDNA	Human Prostate Epithelial Cell Genomic DNA	5 µg
4439	HPrF gDNA	Human Prostate Fibroblast Genomic DNA	5 µg
4609	HCO gDNA	Human Calvarial Osteoblast Genomic DNA	5 µg
4709	HS gDNA	Human Synovocyte Genomic DNA	5 µg
4809	HNPC gDNA	Human Nucleus Pulposus Cell Genomic DNA	5 µg
4819	HAFC gDNA	Human Anulus Pulposus Cell Genomic DNA	5 µg
5009	HHSEC gDNA	Human Hepatic Sinusoidal Endothelial Cell Genomic DNA	5 µg
5109	HIBEpiC gDNA	Human Intrahepatic Biliary Epithelial Cell Genomic DNA	5 µg
5209	HH gDNA	Human Hepatocyte Genomic DNA	5 µg
5309	HHSteC gDNA	Human Hepatic Stellate Cell Genomic DNA	5 µg
6009	HCMEC gDNA	Human Cardiac Microvascular Endothelial Cell Genomic DNA	5 µg
6109	HAEC gDNA	Human Aortic Endothelial Cell Genomic DNA	5 µg
6119	HASMC gDNA	Human Aortic Smooth Muscle Cell Genomic DNA	5 µg
6209	HCM gDNA	Human Cardiac Myocyte Genomic DNA	5 µg
6219	HCM-a gDNA	Human Cardiac Myocyte-adult Genomic DNA	5 µg
6309	HCF gDNA	Human Cardiac Fibroblast Genomic DNA	5 µg
6319	HCF-av tgDNA	Human Cardiac Fibroblast-adult ventricular Genomic DNA	5 µg
6329	HCF-aa gDNA	Human Cardiac Fibroblast-adult atrial Genomic DNA	5 µg
6519	HCEpiC gDNA	Human Corneal Epithelial Cell Genomic DNA	5 µg
6529	HK gDNA	Human Keratocyte Genomic DNA	5 µg
6549	HRPEpiC gDNA	Human Retinal Pigment Epithelial Cell Genomic DNA	5 µg
6559	HLEpiC gDNA	Human Lens Epithelial Cell Genomic DNA	5 µg
6569	HIPEpiC gDNA	Human Iris Pigment Epithelial Cell Genomic DNA	5 µg
6579	HConF gDNA	Human Conjunctival Fibroblast Genomic DNA	5 µg
6589	HNPCEpiC gDNA	Human Non-Pigment Ciliary Epithelial Cell Genomic DNA	5 µg
6599	HTMC gDNA	Human Trabecular Meshwork Cell Genomic DNA	5 µg
7109	HVCEC gDNA	Human Villus Capillary Endothelial Cell Genomic DNA	5 µg
7119	HAmEpiC tgDNA	Human Amniotic Epithelial Cell Genomic DNA	5 µg
7129	HVT gDNA	Human Villous Trophoblast Genomic DNA	5 µg
7139	HVMF gDNA	Human Villous Mesenchymal Fibroblast Genomic DNA	5 µg
7149	HAMSC gDNA	Human Amniotic Mesenchymal Stromal Cell Genomic DNA	5 µg
7159	HCMSC gDNA	Human Chorionic Mesenchymal Stromal Cell Genomic DNA	5 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
7219	HPA-v gDNA	Human Preadipocyte-visceral Genomic DNA	5 µg
7229	HPA-s gDNA	Human Preadipocyte-subcutaneous Genomic DNA	5 µg
7309	HOMEC gDNA	Human Ovarian Microvascular Endothelial Cell Genomic DNA	5 µg
7319	HOSEpiC gDNA	Human Ovarian Surface Epithelial Cell Genomic DNA	5 µg
7329	HOF gDNA	Human Ovarian Fibroblast Genomic DNA	5 µg
7509	HMSC-bm gDNA	Human Mesenchymal Stem Cell-bone marrow Genomic DNA	5 µg
7519	HMSC-ad gDNA	Human Mesenchymal Stem Cell-adipose Genomic DNA	5 µg
7529	HMSC-hp gDNA	Human Mesenchymal Stem Cell-hepatic Genomic DNA	5 µg
7539	HUMSC gDNA	Human Umbilical Mesenchymal Stem Cell Genomic DNA	5 µg
7549	HPMSC gDNA	Human Pulmonary Mesenchymal Stem Cell Genomic DNA	5 µg
7559	HVMSC gDNA	Human Vertebral Mesenchymal Stem Cell Genomic DNA	5 µg
7609	HMMEC gDNA	Human Mammary Microvascular Endothelial Cell Genomic DNA	5 µg
7619	HMEpiC gDNA	Human Mammary Epithelial Cell Genomic DNA	5 µg
7639	HMF gDNA	Human Mammary Fibroblast Genomic DNA	5 µg
8009	HUVEC gDNA	Human Umbilical Vein Endothelial Cell Genomic DNA	5 µg
8019	HUAEC gDNA	Human Umbilical Artery Endothelial Cell Genomic DNA	5 µg
8029	HUVSMC gDNA	Human Umbilical Vein Smooth Muscle Cell Genomic DNA	5 µg
8039	HUASMC gDNA	Human Umbilical Artery Smooth Muscle Cell Genomic DNA	5 µg

Total RNA

ScienCell Research Laboratories provides high quality total RNA from over 100 different cell types. All RNA samples are ready for use in cDNA synthesis, RT-PCR, RNA protection assay, northern blot analysis, purification of miRNA for library construction, PCR-select cDNA subtraction, and DNA micro array.

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
1005	HBMEC tRNA	Human Brain Microvascular Endothelial Cell total RNA	10 µg
1105	HBVSMC tRNA	Human Brain Vascular Smooth Muscle Cell total RNA	10 µg
1205	HBVP tRNA	Human Brain Vascular Pericyte total RNA	10 µg
1305	HCPEC tRNA	Human Choroid Plexus Endothelial Cell total RNA	10 µg
1315	HCPEpiC tRNA	Human Choroid Plexus Epithelial Cell total RNA	10 µg
1325	HCPF tRNA	Human Choroid Plexus Fibroblast total RNA	10 µg
1405	HMC tRNA	Human Meningeal Cell total RNA	10 µg
1525	HN tRNA	Human Neuron total RNA	10 µg
1535	HCGC tRNA	Human Cerebellar Granule Cell total RNA	10 µg
1545	HN-h tRNA	Human Neuron-hippocampal total RNA	10 µg
1605	HOPC tRNA	Human Oligodendrocyte Precursor Cell total RNA	10 µg
1615	HOPC-os tRNA	Human Oligodendrocyte Precursor Cell-oligosphere total RNA	10 µg
1705	HSC tRNA	Human Schwann Cell total RNA	10 µg
1715	HPC tRNA	Human Perineurial Cell total RNA	10 µg
1805	HA tRNA	Human Astrocyte total RNA	10 µg
1815	HA-c tRNA	Human Astrocyte-cerebellar total RNA	10 µg
1825	HA-sp tRNA	Human Astrocyte-spinal cord total RNA	10 µg
1835	HA-h tRNA	Human Astrocyte-hippocampal total RNA	10 µg
1905	HM tRNA	Human Microglia total RNA	10 µg
2005	HDMEC tRNA	Human Dermal Microvascular Endothelial Cell total RNA	10 µg
2015	HDLEC tRNA	Human Dermal Lymphatic Endothelial Cell total RNA	10 µg
2105	HEK-n tRNA	Human Epidermal Keratinocyte-neonate total RNA	10 µg
2115	HEK-a tRNA	Human Epidermal Keratinocyte-adult total RNA	10 µg
2205	HEM-l tRNA	Human Epidermal Melanocyte-light total RNA	10 µg
2215	HEM-m tRNA	Human Epidermal Melanocyte-medium total RNA	10 µg
2225	HEM-d tRNA	Human Epidermal Melanocyte-dark total RNA	10 µg
2305	HDF-f tRNA	Human Dermal Fibroblast-fetal total RNA	10 µg
2315	HDF-n tRNA	Human Dermal Fibroblast-neonate total RNA	10 µg
2325	HDF-a tRNA	Human Dermal Fibroblast-adult total RNA	10 µg
2405	HHDP tRNA	Human Hair Dermal Papilla Cell total RNA	10 µg
2415	HHGMC tRNA	Human Hair Germinal Matrix Cell total RNA	10 µg
2425	HHORSC tRNA	Human Hair Follicular Outer Root Sheath Cell total RNA	10 µg
2435	HHIRSC tRNA	Human Hair Follicular Inner Root Sheath Cell total RNA	10 µg
2505	HLEC tRNA	Human Lymphatic Endothelial Cell total RNA	10 µg
2535	HLF tRNA	Human Lymphatic Fibroblast total RNA	10 µg
2615	HOK tRNA	Human Oral Keratinocyte total RNA	10 µg
2625	HGF tRNA	Human Gingival Fibroblast total RNA	10 µg
2635	HPLF tRNA	Human Periodontal Ligament Fibroblast total RNA	10 µg
2705	HEEpiC tRNA	Human Esophageal Epithelial Cell total RNA	10 µg
2715	HESMC tRNA	Human Esophageal Smooth Muscle Cell total RNA	10 µg
2905	HIMEC tRNA	Human Intestinal Microvascular Endothelial Cell total RNA	10 µg
2915	HISMC tRNA	Human Intestinal Smooth Muscle Cell total RNA	10 µg
2945	HCSMC tRNA	Human Colonic Smooth Muscle Cell total RNA	10 µg
3005	HPMEC tRNA	Human Pulmonary Microvascular Endothelial Cell total RNA	10 µg
3105	HPAEC tRNA	Human Pulmonary Artery Endothelial Cell total RNA	10 µg
3115	HPASMC tRNA	Human Pulmonary Artery Smooth Muscle Cell total RNA	10 µg
3125	HPAF tRNA	Human Pulmonary Artery Fibroblast total RNA	10 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
3205	HPAEpic tRNA	Human Pulmonary Alveolar Epithelial Cell total RNA	10 µg
3215	HBepic tRNA	Human Bronchial Epithelial Cell total RNA	10 µg
3225	HTEpic tRNA	Human Tracheal Epithelial Cell total RNA	10 µg
3235	HSAEpic tRNA	Human Small Airway Epithelial Cell total RNA	10 µg
3305	HPF tRNA	Human Pulmonary Fibroblast total RNA	10 µg
3405	HBSMC tRNA	Human Bronchial Smooth Muscle Cell total RNA	10 µg
3415	HTSMC tRNA	Human Tracheal Smooth Muscle Cell total RNA	10 µg
3505	HSkMC tRNA	Human Skeletal Muscle Cell total RNA	10 µg
3515	HSkMSC tRNA	Human Skeletal Muscle Satellite Cell total RNA	10 µg
3525	HSkMM tRNA	Human Skeletal Muscle Myoblast total RNA	10 µg
4005	HRGEC tRNA	Human Renal Glomerular Endothelial Cell total RNA	10 µg
4105	HRPTEpic tRNA	Human Renal Proximal Tubular Epithelial Cell total RNA	10 µg
4115	HRCEpic tRNA	Human Renal Cortical Epithelial Cell total RNA	10 µg
4125	HREpic tRNA	Human Renal Epithelial Cell total RNA	10 µg
4205	HRMC tRNA	Human Renal Mesangial Cell total RNA	10 µg
4305	HBIMEC tRNA	Human Bladder Microvascular Endothelial Cell total RNA	10 µg
4315	HBISMC tRNA	Human Bladder Smooth Muscle Cell total RNA	10 µg
4325	HUC tRNA	Human Urothelial Cell total RNA	10 µg
4335	HBISF tRNA	Human Bladder Stromal Fibroblast total RNA	10 µg
4405	HPrMEC tRNA	Human Prostate Microvascular Endothelial Cell total RNA	10 µg
4415	HPREpic tRNA	Human Prostate Epithelial Cell total RNA	10 µg
4435	HPrF tRNA	Human Prostate Fibroblast total RNA	10 µg
4605	HCO tRNA	Human Calvarial Osteoblast total RNA	10 µg
4705	HS tRNA	Human Synovocyte total RNA	10 µg
4805	HNPC tRNA	Human Nucleus Pulposus Cell total RNA	10 µg
4815	HAFC tRNA	Human Anulus Pulposus Cell total RNA	10 µg
5005	HHSEC tRNA	Human Hepatic Sinusoidal Endothelial Cell total RNA	10 µg
5105	HIBepic tRNA	Human Intrahepatic Biliary Epithelial Cell total RNA	10 µg
5205	HH tRNA	Human Hepatocyte total RNA	10 µg
5305	HHSteC tRNA	Human Hepatic Stellate Cell total RNA	10 µg
6005	HCMEC tRNA	Human Cardiac Microvascular Endothelial Cell total RNA	10 µg
6105	HAEC tRNA	Human Aortic Endothelial Cell total RNA	10 µg
6115	HASMC tRNA	Human Aortic Smooth Muscle Cell total RNA	10 µg
6205	HCM tRNA	Human Cardiac Myocyte total RNA	10 µg
6215	HCM-a tRNA	Human Cardiac Myocyte-adult total RNA	10 µg
6305	HCF tRNA	Human Cardiac Fibroblast total RNA	10 µg
6315	HCF-av tRNA	Human Cardiac Fibroblast-adult ventricular total RNA	10 µg
6325	HCF-aa tRNA	Human Cardiac Fibroblast-adult atrial total RNA	10 µg
6515	HCEpic tRNA	Human Corneal Epithelial Cell total RNA	10 µg
6525	HK tRNA	Human Keratocyte total RNA	10 µg
6545	HRPEpic tRNA	Human Retinal Pigment Epithelial Cell total RNA	10 µg
6555	HLEpic tRNA	Human Lens Epithelial Cell total RNA	10 µg
6565	HIPEpic tRNA	Human Iris Pigment Epithelial Cell total RNA	10 µg
6575	HConF tRNA	Human Conjunctival Fibroblast total RNA	10 µg
6585	HNPCEpic tRNA	Human Non-Pigment Ciliary Epithelial Cell total RNA	10 µg
6595	HTMC tRNA	Human Trabecular Meshwork Cell total RNA	10 µg
7105	HVCEC tRNA	Human Villus Capillary Endothelial Cell total RNA	10 µg
7115	HAmEpic tRNA	Human Amniotic Epithelial Cell total RNA	10 µg
7125	HVT tRNA	Human Villous Trophoblast total RNA	10 µg
7135	HVMF tRNA	Human Villous Mesenchymal Fibroblast total RNA	10 µg
7145	HAMSC tRNA	Human Amniotic Mesenchymal Stromal Cell total RNA	10 µg
7155	HCMSC tRNA	Human Chorionic Mesenchymal Stromal Cell total RNA	10 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
7215	HPA-v tRNA	Human Preadipocyte-visceral total RNA	10 µg
7225	HPA-s tRNA	Human Preadipocyte-subcutaneous total RNA	10 µg
7305	HOMEC tRNA	Human Ovarian Microvascular Endothelial Cell total RNA	10 µg
7315	HOSEpiC tRNA	Human Ovarian Surface Epithelial Cell total RNA	10 µg
7325	HOF tRNA	Human Ovarian Fibroblast total RNA	10 µg
7505	HMSC-bm tRNA	Human Mesenchymal Stem Cell-bone marrow total RNA	10 µg
7515	HMSC-ad tRNA	Human Mesenchymal Stem Cell-adipose total RNA	10 µg
7525	HMSC-hp tRNA	Human Mesenchymal Stem Cell-hepatic total RNA	10 µg
7535	HUMSC tRNA	Human Umbilical Mesenchymal Stem Cell total RNA	10 µg
7545	HPMSC tRNA	Human Pulmonary Mesenchymal Stem Cell total RNA	10 µg
7555	HVMSC tRNA	Human Vertebral Mesenchymal Stem Cell total RNA	10 µg
7605	HMMEC tRNA	Human Mammary Microvascular Endothelial Cell total RNA	10 µg
7615	HMEpiC tRNA	Human Mammary Epithelial Cell total RNA	10 µg
7635	HMF tRNA	Human Mammary Fibroblast total RNA	10 µg
8005	HUVEC tRNA	Human Umbilical Vein Endothelial Cell total RNA	10 µg
8015	HUAEC tRNA	Human Umbilical Artery Endothelial Cell total RNA	10 µg
8025	HUVSMC tRNA	Human Umbilical Vein Smooth Muscle Cell total RNA	10 µg
8035	HUASMC tRNA	Human Umbilical Artery Smooth Muscle Cell total RNA	10 µg

Micro RNA

ScienCell Research Laboratories' micro RNA is isolated from a wide variety of normal human cell types by a commercially available isolation kit which employs an organic extraction followed by immobilization of RNA on glass-fiber filters to enrich micro RNA. The micro RNA products are delivered in DEPC treated water.

Cat. No.	Product	Description	Quantity
1007	HBMEC miRNA	Human Brain Microvascular Endothelial Cell miRNA	2 µg
1107	HBVSMC miRNA	Human Brain Vascular Smooth Muscle Cell miRNA	2 µg
1207	HBVP miRNA	Human Brain Vascular Pericyte miRNA	2 µg
1307	HCPEC miRNA	Human Choroid Plexus Endothelial Cell miRNA	2 µg
1317	HCPEpiC miRNA	Human Choroid Plexus Epithelial Cell miRNA	2 µg
1327	HCPF miRNA	Human Choroid Plexus Fibroblast miRNA	2 µg
1407	HMC miRNA	Human Meningeal Cell miRNA	2 µg
1527	HN miRNA	Human Neuron miRNA	2 µg
1537	HCGC miRNA	Human Cerebellar Granule Cell miRNA	2 µg
1547	HN-h miRNA	Human Neuron-hippocampal miRNA	2 µg
1607	HOPC miRNA	Human Oligodendrocyte Precursor Cell miRNA	2 µg
1617	HOPC-os miRNA	Human Oligodendrocyte Precursor Cell-oligosphere miRNA	2 µg
1707	HSC miRNA	Human Schwann Cell miRNA	2 µg
1717	HPC miRNA	Human Perineurial Cell miRNA	2 µg
1807	HA miRNA	Human Astrocyte miRNA	2 µg
1817	HA-c miRNA	Human Astrocyte-cerebellar miRNA	2 µg
1827	HA-sp miRNA	Human Astrocyte-spinal cord miRNA	2 µg
1837	HA-h miRNA	Human Astrocyte-hippocampal miRNA	2 µg
1907	HM miRNA	Human Microglia miRNA	2 µg
2007	HDMEC miRNA	Human Dermal Microvascular Endothelial Cell miRNA	2 µg
2017	HDLEC miRNA	Human Dermal Lymphatic Endothelial Cell miRNA	2 µg
2107	HEK-n miRNA	Human Epidermal Keratinocyte-neonate miRNA	2 µg
2117	HEK-a miRNA	Human Epidermal Keratinocyte-adult miRNA	2 µg
2207	HEM-l miRNA	Human Epidermal Melanocyte-light miRNA	2 µg
2217	HEM-m miRNA	Human Epidermal Melanocyte-medium miRNA	2 µg
2227	HEM-d miRNA	Human Epidermal Melanocyte-dark miRNA	2 µg
2307	HDF-f miRNA	Human Dermal Fibroblast-fetal miRNA	2 µg
2317	HDF-n miRNA	Human Dermal Fibroblast-neonate miRNA	2 µg
2327	HDF-a miRNA	Human Dermal Fibroblast-adult miRNA	2 µg
2407	HHDPCC miRNA	Human Hair Dermal Papilla Cell miRNA	2 µg
2417	HHGMC miRNA	Human Hair Germinal Matrix Cell miRNA	2 µg
2427	HHORSC miRNA	Human Hair Follicular Outer Root Sheath Cell miRNA	2 µg
2437	HHIRSC miRNA	Human Hair Follicular Inner Root Sheath Cell miRNA	2 µg
2507	HLEC miRNA	Human Lymphatic Endothelial Cell miRNA	2 µg
2537	HLF miRNA	Human Lymphatic Fibroblast miRNA	2 µg
2617	HOK miRNA	Human Oral Keratinocyte miRNA	2 µg
2627	HGF miRNA	Human Gingival Fibroblast miRNA	2 µg
2637	HPLP miRNA	Human Periodontal Ligament Fibroblast miRNA	2 µg
2707	HEEpiC miRNA	Human Esophageal Epithelial Cell miRNA	2 µg
2717	HESMC miRNA	Human Esophageal Smooth Muscle Cell miRNA	2 µg
2907	HIMEC miRNA	Human Intestinal Microvascular Endothelial Cell miRNA	2 µg
2917	HISMC miRNA	Human Intestinal Smooth Muscle Cell miRNA	2 µg
2947	HCSMC miRNA	Human Colonic Smooth Muscle Cell miRNA	2 µg
3007	HPMEC miRNA	Human Pulmonary Microvascular Endothelial Cell miRNA	2 µg
3107	HPAEC miRNA	Human Pulmonary Artery Endothelial Cell miRNA	2 µg
3117	HPASMC miRNA	Human Pulmonary Artery Smooth Muscle Cell miRNA	2 µg
3127	HPAF miRNA	Human Pulmonary Artery Fibroblast miRNA	2 µg
3207	HPAEpiC miRNA	Human Pulmonary Alveolar Epithelial Cell miRNA	2 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
3217	HBepiC miRNA	Human Bronchial Epithelial Cell miRNA	2 µg
3227	HTEpiC miRNA	Human Tracheal Epithelial Cell miRNA	2 µg
3237	HSAEpiC miRNA	Human Small Airway Epithelial Cell miRNA	2 µg
3307	HPF miRNA	Human Pulmonary Fibroblast miRNA	2 µg
3407	HBSMC miRNA	Human Bronchial Smooth Muscle Cell miRNA	2 µg
3417	HTSMC miRNA	Human Tracheal Smooth Muscle Cell miRNA	2 µg
3507	HSkMC miRNA	Human Skeletal Muscle Cell miRNA	2 µg
3517	HSkMSC miRNA	Human Skeletal Muscle Satellite Cell miRNA	2 µg
3527	HSkMM miRNA	Human Skeletal Muscle Myoblast miRNA	2 µg
4007	HRGEC miRNA	Human Renal Glomerular Endothelial Cell miRNA	2 µg
4107	HRPTEpiC miRNA	Human Renal Proximal Tubular Epithelial Cell miRNA	2 µg
4117	HRCEpiC miRNA	Human Renal Cortical Epithelial Cell miRNA	2 µg
4127	HREpiC miRNA	Human Renal Epithelial Cell miRNA	2 µg
4207	HRMC miRNA	Human Renal Mesangial Cell miRNA	2 µg
4307	HBIMEC miRNA	Human Bladder Microvascular Endothelial Cell miRNA	2 µg
4317	HBISMC miRNA	Human Bladder Smooth Muscle Cell miRNA	2 µg
4327	HUC miRNA	Human Urothelial Cell miRNA	2 µg
4337	HBISF miRNA	Human Bladder Stromal Fibroblast miRNA	2 µg
4407	HPrMEC miRNA	Human Prostate Microvascular Endothelial Cell miRNA	2 µg
4417	HPrEpiC miRNA	Human Prostate Epithelial Cell miRNA	2 µg
4437	HPrF miRNA	Human Prostate Fibroblast miRNA	2 µg
4607	HCO miRNA	Human Calvarial Osteoblast miRNA	2 µg
4707	HS miRNA	Human Synovocyte miRNA	2 µg
4807	HNPC miRNA	Human Nucleus Pulposus Cell miRNA	2 µg
4817	HAFC miRNA	Human Anulus Pulposus Cell miRNA	2 µg
5007	HHSEC miRNA	Human Hepatic Sinusoidal Endothelial Cell miRNA	2 µg
5107	HIBepiC miRNA	Human Intrahepatic Biliary Epithelial Cell miRNA	2 µg
5207	HH miRNA	Human Hepatocyte miRNA	2 µg
5307	HHSteC miRNA	Human Hepatic Stellate Cell miRNA	2 µg
6007	HCMEC miRNA	Human Cardiac Microvascular Endothelial Cell miRNA	2 µg
6107	HAEC miRNA	Human Aortic Endothelial Cell miRNA	2 µg
6117	HASMC miRNA	Human Aortic Smooth Muscle Cell miRNA	2 µg
6207	HCM miRNA	Human Cardiac Myocyte miRNA	2 µg
6217	HCM-a miRNA	Human Cardiac Myocyte-adult miRNA	2 µg
6307	HCF miRNA	Human Cardiac Fibroblast miRNA	2 µg
6317	HCF-av miRNA	Human Cardiac Fibroblast-adult ventricular miRNA	2 µg
6327	HCF-aa miRNA	Human Cardiac Fibroblast-adult atrial miRNA	2 µg
6517	HCEpiC miRNA	Human Corneal Epithelial Cell miRNA	2 µg
6527	HK miRNA	Human Keratocyte miRNA	2 µg
6547	HRPEpiC miRNA	Human Retinal Pigment Epithelial Cell miRNA	2 µg
6557	HLEpiC miRNA	Human Lens Epithelial Cell miRNA	2 µg
6567	HIPEpiC miRNA	Human Iris Pigment Epithelial Cell miRNA	2 µg
6577	HConF miRNA	Human Conjunctival Fibroblast miRNA	2 µg
6587	HNPCEpiC miRNA	Human Non-Pigment Ciliary Epithelial Cell miRNA	2 µg
6597	HTMC miRNA	Human Trabecular Meshwork Cell miRNA	2 µg
7107	HVCEC miRNA	Human Villus Capillary Endothelial Cell miRNA	2 µg
7117	HAmEpiC miRNA	Human Amniotic Epithelial Cell miRNA	2 µg
7127	HVT miRNA	Human Villous Trophoblast miRNA	2 µg
7137	HVMF miRNA	Human Villous Mesenchymal Fibroblast miRNA	2 µg
7147	HAMSC miRNA	Human Amniotic Mesenchymal Stromal Cell miRNA	2 µg
7157	HCMSC miRNA	Human Chorionic Mesenchymal Stromal Cell miRNA	2 µg
7217	HPA-v miRNA	Human Preadipocyte-visceral miRNA	2 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
7227	HPA-s miRNA	Human Preadipocyte-subcutaneous miRNA	2 µg
7307	HOMEC miRNA	Human Ovarian Microvascular Endothelial Cell miRNA	2 µg
7317	HOSEpiC miRNA	Human Ovarian Surface Epithelial Cell miRNA	2 µg
7327	HOF miRNA	Human Ovarian Fibroblast miRNA	2 µg
7507	HMSC-bm miRNA	Human Mesenchymal Stem Cell-bone marrow miRNA	2 µg
7517	HMSC-ad miRNA	Human Mesenchymal Stem Cell-adipose miRNA	2 µg
7527	HMSC-hp miRNA	Human Mesenchymal Stem Cell-hepatic miRNA	2 µg
7537	HUMSC miRNA	Human Umbilical Mesenchymal Stem Cell miRNA	2 µg
7547	HPMSC miRNA	Human Pulmonary Mesenchymal Stem Cell miRNA	2 µg
7557	HVMSC miRNA	Human Vertebral Mesenchymal Stem Cell miRNA	2 µg
7607	HMMEC miRNA	Human Mammary Microvascular Endothelial Cell miRNA	2 µg
7617	HMEpiC miRNA	Human Mammary Epithelial Cell miRNA	2 µg
7637	HMF miRNA	Human Mammary Fibroblast miRNA	2 µg
8007	HUVEC miRNA	Human Umbilical Vein Endothelial Cell miRNA	2 µg
8017	HUAEC miRNA	Human Umbilical Artery Endothelial Cell miRNA	2 µg
8027	HUVSMC miRNA	Human Umbilical Vein Smooth Muscle Cell miRNA	2 µg
8037	HUASMC miRNA	Human Umbilical Artery Smooth Muscle Cell miRNA	2 µg

Proteins

ScienCell Research Laboratories' cell lysate is prepared in a modified RIPA buffer. Cell debris is removed by centrifugation and protein content is determined with a protein assay. The lysate is diluted and boiled for 5 min with a nonreducing sample buffer containing 5% beta-mercaptoethanol. The cell lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

Cat. No.	Product	Description	Quantity
1006	HBMECL	Human Brain Microvascular Endothelial Cell Lysate	200 µg
1106	HBVSMCL	Human Brain Vascular Smooth Muscle Cell Lysate	200 µg
1206	HBVPL	Human Brain Vascular Pericyte Lysate	200 µg
1306	HCPECL	Human Choroid Plexus Endothelial Cell Lysate	200 µg
1316	HCPEpiCL	Human Choroid Plexus Epithelial Cell Lysate	200 µg
1326	HCPFL	Human Choroid Plexus Fibroblast Lysate	200 µg
1406	HMCL	Human Meningeal Cell Lysate	200 µg
1526	HNL	Human Neuron Lysate	200 µg
1536	HCGCL	Human Cerebellar Granule Cell Lysate	200 µg
1547	HN-h L	Human Neuron-hippocampal Lysate	200 µg
1606	HOPCL	Human Oligodendrocyte Precursor Cell Lysate	200 µg
1616	HOPC-os L	Human Oligodendrocyte Precursor Cell-oligosphere Lysate	200 µg
1706	HSCL	Human Schwann Cell Lysate	200 µg
1716	HPCL	Human Perineurial Cell Lysate	200 µg
1806	HAL	Human Astrocyte Lysate	200 µg
1816	HA-c L	Human Astrocyte-cerebellar Lysate	200 µg
1826	HA-sp L	Human Astrocyte-spinal cord Lysate	200 µg
1836	HA-h L	Human Astrocyte-hippocampal Lysate	200 µg
1906	HML	Human Microglia Lysate	200 µg
2006	HDMECL	Human Dermal Microvascular Endothelial Cell Lysate	200 µg
2016	HDLECL	Human Dermal Lymphatic Endothelial Cell Lysate	200 µg
2106	HEK-n L	Human Epidermal Keratinocyte-neonate Lysate	200 µg
2116	HEK-a L	Human Epidermal Keratinocyte-adult Lysate	200 µg
2206	HELM-I L	Human Epidermal Melanocyte-light Lysate	200 µg
2216	HELM-m L	Human Epidermal Melanocyte-medium Lysate	200 µg
2226	HELM-d L	Human Epidermal Melanocyte-dark Lysate	200 µg
2306	HDF-f L	Human Dermal Fibroblast-fetal Lysate	200 µg
2316	HDF-n L	Human Dermal Fibroblast-neonate Lysate	200 µg
2326	HDF-a L	Human Dermal Fibroblast-adult Lysate	200 µg
2406	HHDPCL	Human Hair Dermal Papilla Cell Lysate	200 µg
2416	HHGMCL	Human Hair Germinal Matrix Cell Lysate	200 µg
2426	HHORSCL	Human Hair Follicular Outer Root Sheath Cell Lysate	200 µg
2436	HHIRSCL	Human Hair Follicular Inner Root Sheath Cell Lysate	200 µg
2506	HLECL	Human Lymphatic Endothelial Cell Lysate	200 µg
2536	HLFL	Human Lymphatic Fibroblast Lysate	200 µg
2616	HOKL	Human Oral Keratinocyte Lysate	200 µg
2626	HGFL	Human Gingival Fibroblast Lysate	200 µg
2636	HPLFL	Human Periodontal Ligament Fibroblast Lysate	200 µg
2706	HEEpiCL	Human Esophageal Epithelial Cell Lysate	200 µg
2716	HESMCL	Human Esophageal Smooth Muscle Cell Lysate	200 µg
2906	HIMECL	Human Intestinal Microvascular Endothelial Cell Lysate	200 µg
2916	HISMCL	Human Intestinal Smooth Muscle Cell Lysate	200 µg
2946	HCSMCL	Human Colonic Smooth Muscle Cell Lysate	200 µg
3006	HPMECL	Human Pulmonary Microvascular Endothelial Cell Lysate	200 µg
3106	HPAECL	Human Pulmonary Artery Endothelial Cell Lysate	200 µg
3116	HPASMCL	Human Pulmonary Artery Smooth Muscle Cell Lysate	200 µg
3126	HPAFL	Human Pulmonary Artery Fibroblast Lysate	200 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
3206	HPAEpiCL	Human Pulmonary Alveolar Epithelial Cell Lysate	200 µg
3216	HBEPiCL	Human Bronchial Epithelial Cell Lysate	200 µg
3226	HTEPiCL	Human Tracheal Epithelial Cell Lysate	200 µg
3236	HSAEpiCL	Human Small Airway Epithelial Cell Lysate	200 µg
3306	HPFL	Human Pulmonary Fibroblast Lysate	200 µg
3406	HBSMCL	Human Bronchial Smooth Muscle Cell Lysate	200 µg
3416	HTSMCL	Human Tracheal Smooth Muscle Cell Lysate	200 µg
3506	HSkMCL	Human Skeletal Muscle Cell Lysate	200 µg
3516	HSkMSCL	Human Skeletal Muscle Satellite Cell Lysate	200 µg
3526	HSkMML	Human Skeletal Muscle Myoblast Lysate	200 µg
4006	HRGECL	Human Renal Glomerular Endothelial Cell Lysate	200 µg
4106	HRPTEpiCL	Human Renal Proximal Tubular Epithelial Cell Lysate	200 µg
4116	HRCEpiCL	Human Renal Cortical Epithelial Cell Lysate	200 µg
4126	HREpiCL	Human Renal Epithelial Cell Lysate	200 µg
4206	HRMCL	Human Renal Mesangial Cell Lysate	200 µg
4306	HBIMECL	Human Bladder Microvascular Endothelial Cell Lysate	200 µg
4316	HBISMCL	Human Bladder Smooth Muscle Cell Lysate	200 µg
4326	HUCL	Human Urothelial Cell Lysate	200 µg
4336	HBISFL	Human Bladder Stromal Fibroblast Lysate	200 µg
4406	HPrMECL	Human Prostate Microvascular Endothelial Cell Lysate	200 µg
4416	HPrEpiCL	Human Prostate Epithelial Cell Lysate	200 µg
4436	HPrFL	Human Prostate Fibroblast Lysate	200 µg
4606	HCOL	Human Calvarial Osteoblast Lysate	200 µg
4706	HSL	Human Synovocyte Lysate	200 µg
4806	HNPCL	Human Nucleus Pulposus Cell Lysate	200 µg
4816	HAFCL	Human Anulus Pulposus Cell Lysate	200 µg
5006	HHSECL	Human Hepatic Sinusoidal Endothelial Cell Lysate	200 µg
5106	HIBEpiCL	Human Intrahepatic Biliary Epithelial Cell Lysate	200 µg
5206	HHL	Human Hepatocyte Lysate	200 µg
5306	HHSteCL	Human Hepatic Stellate Cell Lysate	200 µg
6006	HCMECL	Human Cardiac Microvascular Endothelial Cell Lysate	200 µg
6106	HAECL	Human Aortic Endothelial Cell Lysate	200 µg
6116	HASMCL	Human Aortic Smooth Muscle Cell Lysate	200 µg
6206	HCML	Human Cardiac Myocyte Lysate	200 µg
6216	HCM-a L	Human Cardiac Myocyte-adult Lysate	200 µg
6306	HCFL	Human Cardiac Fibroblast Lysate	200 µg
6316	HCF-av L	Human Cardiac Fibroblast-adult ventricular Lysate	200 µg
6326	HCF-aa L	Human Cardiac Fibroblast-adult atrial Lysate	200 µg
6516	HCEpiCL	Human Corneal Epithelial Cell Lysate	200 µg
6526	HKL	Human Keratocyte Lysate	200 µg
6546	HRPEpiCL	Human Retinal Pigment Epithelial Cell Lysate	200 µg
6556	HLEpiCL	Human Lens Epithelial Cell Lysate	200 µg
6566	HIPEpiCL	Human Iris Pigment Epithelial Cell Lysate	200 µg
6576	HConFL	Human Conjunctival Fibroblast Lysate	200 µg
6586	HNPCEpiCL	Human Non-Pigment Ciliary Epithelial Cell Lysate	200 µg
6596	HTMCL	Human Trabecular Meshwork Cell Lysate	200 µg
7106	HVCECL	Human Villus Capillary Endothelial Cell Lysate	200 µg
7116	HAmEpiCL	Human Amniotic Epithelial Cell Lysate	200 µg
7126	HVTL	Human Villous Trophoblast Lysate	200 µg
7136	HVMFL	Human Villous Mesenchymal Fibroblast Lysate	200 µg
7146	HAMSCL	Human Amniotic Mesenchymal Stromal Cell Lysate	200 µg
7156	HCMSCCL	Human Chorionic Mesenchymal Stromal Cell Lysate	200 µg

<u>Cat. No.</u>	<u>Product</u>	<u>Description</u>	<u>Quantity</u>
7216	HPA-v L	Human Preadipocyte-visceral Lysate	200 µg
7226	HPA-s L	Human Preadipocyte-subcutaneous Lysate	200 µg
7306	HOMECL	Human Ovarian Microvascular Endothelial Cell Lysate	200 µg
7316	HOSEpiCL	Human Ovarian Surface Epithelial Cell Lysate	200 µg
7326	HOFL	Human Ovarian Fibroblast Lysate	200 µg
7506	HMSC-bm L	Human Mesenchymal Stem Cell-bone marrow Lysate	200 µg
7516	HMSC-ad L	Human Mesenchymal Stem Cell-adipose Lysate	200 µg
7526	HMSC-hp L	Human Mesenchymal Stem Cell-hepatic Lysate	200 µg
7536	HUMSCL	Human Umbilical Mesenchymal Stem Cell Lysate	200 µg
7546	HPMSCL	Human Pulmonary Mesenchymal Stem Cell Lysate	200 µg
7556	HVMSCL	Human Vertebral Mesenchymal Stem Cell Lysate	200 µg
7606	HMMECL	Human Mammary Microvascular Endothelial Cell Lysate	200 µg
7616	HMEpiCL	Human Mammary Epithelial Cell Lysate	200 µg
7636	HMFL	Human Mammary Fibroblast Lysate	200 µg
8006	HUVECL	Human Umbilical Vein Endothelial Cell Lysate	200 µg
8016	HUAECL	Human Umbilical Artery Endothelial Cell Lysate	200 µg
8026	HUVSMCL	Human Umbilical Vein Smooth Muscle Cell Lysate	200 µg
8036	HUASMCL	Human Umbilical Artery Smooth Muscle Cell Lysate	200 µg