



**PELOBiotech**

*More than Competence<sup>4</sup> Cells*

## Human Cells



Global network  
of high-end experts  
waiting to be at  
your service.

[www.pelobiotech.com](http://www.pelobiotech.com)

## Preface

Welcome to PELOBiotech

Dear customer,

we are very proud to present you our "PELOBiotech Product Overview Human Cells".

This overview might help to develop strategies for in-vitro research. We think that besides human cells from healthy donors, the huge number of cells from diseased donors (Cancer, Diabetes and Hypertension) gives us a great opportunity to find out more details about the viral infection, which can be used for drug development and drug testing. Together with our 3D techniques, it is also possible to work with more predictive in vitro systems.

Thank you for your great interest in our products that strengthened our leading market position in Germany, Austria, Switzerland and all over Europe as producer and distributor of the widest range of primary human and animal cell cultures, we're sure that together with you we are on the right path. With this special overview of "PELOBiotech Primary Cells & Media 2025" we want to present our PELOBiotech products. You will find a product range of human primary cells & media, some specific ECM products and a short overview of our 3D cell culture products. For further information just contact us or check out our Online Catalog (<https://www.pelobiotech.com/catalog.html>).

Yours sincerely,



Handwritten signatures of J. G. and P. Frost.

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Just call us (+49 89 517 286 59-0) or send us an email ([info@pelobiotech.com](mailto:info@pelobiotech.com)) for further information.

## New Products

- Cells in GMP quality – Mesenchymal stem/stroma cells from CB, WJ, BM, placenta cells and chondrocytes
- Extracellular vesicles from MSC, chondrocytes and other cells
- Isolation/Purification kits for EVs

## Toxicology research with iPSCs and iPSC-derived cells

In the ever-evolving landscape of toxicology research, the significance of induced pluripotent stem cells (iPSCs) and their derivatives cannot be overstated. These versatile cells stand at the forefront, offering researchers a transformative platform to delve deep into the impact of toxins on human health. Here's why iPSCs and iPSC-derived cells are indispensable for advancing our understanding of toxicity and beyond.

### Advantages of iPSCs and iPSC-derived cells in toxicology studies:

1. **Human-centric relevance:** ipscs originate from human donors, making them exceptionally relevant for studying toxicological responses in a human context. This human-centric approach bridges the gap between animal models and clinical outcomes, enhancing the translational potential of research findings.
2. **Diverse cellular repertoire:** ipscs possess the remarkable capability to differentiate into various cell types, including cardiomyocytes, hepatocytes, neurons, and more. This versatility empowers researchers to scrutinize toxic effects on specific tissues and organs, mirroring real-life scenarios with precision.
3. **Personalized and disease-specific models:** ipscs can be derived from individuals with diverse genetic backgrounds and specific diseases. This facilitates the creation of personalized and disease-specific models, elucidating how genetic variations and underlying conditions influence susceptibility to toxins and drug responses.
4. **High throughput screening:** ipsc-derived cells can be seamlessly integrated into high throughput screening assays, enabling the efficient assessment of toxicity for multiple compounds simultaneously. This accelerates the identification of potential toxic agents, expediting informed decision-making in drug development and safety assessment.
5. **Ethical integrity:** iPSCs uphold ethical research practices by offering a responsible alternative to traditional animal testing. They reduce reliance on animal models and minimize the need for sourcing primary human tissues, aligning with the highest standards of research ethics.
6. **Long-term studies:** iPSC-derived cells can be cultured for extended durations, allowing for the exploration of chronic effects, delayed responses, and long-term toxicological outcomes. This is crucial for capturing the full spectrum of substance-induced effects.
7. **Precision toxicology:** iPSCs enable the investigation of individual variations in toxicity, a pivotal aspect of personalized medicine. These models facilitate the tailoring of treatment strategies based on an individual's unique susceptibility to toxins and drug responses.

## Disease that iPSC and iPSC derived cells can be used to study:

### 1. Neurodegenerative disorders:

- **Alzheimer's disease:** iPSC-derived neurons can be used to model the pathogenesis of Alzheimer's disease, including the formation of beta-amyloid plaques and tau tangles.
- **Parkinson's disease:** iPSC-derived dopaminergic neurons enable researchers to investigate the mechanisms underlying Parkinson's disease and test potential therapies.

### 2. Cardiovascular diseases:

- **Cardiomyopathies:** iPSC-derived cardiomyocytes can be used to study various forms of cardiomyopathies, including hypertrophic and dilated cardiomyopathies.
- **Arrhythmias:** iPSC-derived cardiomyocytes are valuable for modeling and studying arrhythmias such as Long QT syndrome and Brugada syndrome.

### 3. Genetic disorders:

- **Cystic fibrosis:** iPSCs can be used to model cystic fibrosis and investigate how mutations in the CFTR gene affect lung function.
- **Muscular dystrophies:** iPSC-derived muscle cells can be used to study muscular dystrophies like Duchenne and Becker muscular dystrophy.

### 4. Metabolic disorders:

- **Type 1 diabetes:** iPSC-derived pancreatic beta cells can be used to study the mechanisms of type 1 diabetes and explore potential insulin replacement therapies.
- **Lysosomal storage disorders:** iPSCs can be differentiated into cells affected by lysosomal storage disorders such as Gaucher disease and Tay-Sachs disease.

### 5. Blood disorders:

- **Sickle cell disease:** iPSCs can be used to generate sickle cell disease models, enabling the study of hemoglobin mutations and potential therapies.
- **Hemophilia:** iPSCs can be differentiated into hepatocytes or other relevant cell types to study clotting disorders like hemophilia.

## 6. Neuromuscular disorders:

- **Amyotrophic lateral sclerosis (ALS):** iPSC-derived motor neurons can be used to investigate the pathophysiology of ALS and screen potential drug candidates.
- **Spinal muscular atrophy (SMA):** iPSC-derived motor neurons help researchers understand the mechanisms underlying SMA and test potential treatments.

## 7. Infectious diseases:

- **Viral infections:** iPSC-derived cells can be infected with viruses like HIV, Zika, or hepatitis C to study viral replication, host responses, and drug screening.

## 8. Autoimmune diseases:

- **Rheumatoid arthritis:** iPSC-derived immune cells can be used to study autoimmune responses in rheumatoid arthritis and screen potential immunomodulatory drugs.

## 9. Cancer modeling:

- **Cancer stem cells:** iPSCs can be reprogrammed to generate cancer stem cell models, aiding in the study of tumor initiation, progression, and drug resistance.

## 10. Rare diseases:

- iPSCs are particularly valuable for modeling rare and orphan diseases for which there may be limited access to patient samples.

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## Liver cells

### Human Hepatocytes isolated from liver resections (EU sourced)

#### PELOBiotech hepatocytes: elevate your toxicology research

At PELOBiotech, we are proud to introduce our hepatocytes, meticulously crafted to propel your toxicology research to unprecedented levels of precision and relevance. Here's why our hepatocytes are the ideal choice for your scientific endeavors:

#### Key advantages of PELOBiotech hepatocytes:

##### 1. Viability and yield assurance:

- **Guaranteed quality:** We prioritize quality assurance at every step. Our hepatocytes are rigorously checked for viability and yield, ensuring that you receive the highest quality cells for your experiments. Expect consistent, reliable performance in every assay.

## 2. Monolayer assessment:

- **Enhanced cellular functionality:** We go beyond cell viability. Our hepatocytes undergo monolayer assessment, guaranteeing that they exhibit proper attachment and growth as a monolayer culture. This optimization ensures physiological relevance in your experiments.

## 3. Comprehensive enzyme activity testing:

- **Phase I and II metabolism:** Our hepatocytes are extensively tested for CYP450 drug metabolizing enzyme activity (Phase I) as well as UGT and SULT activities (Phase II). This thorough assessment provides critical insights into drug metabolism and detoxification pathways.

## 4. Transporter profiling:

- **Understanding cellular transport:** We've not overlooked the importance of transporters. Our hepatocytes are profiled for transporter activity, helping you unravel the intricate interplay of substances within cells.

## 5. Demographic and clinical donor profiles:

- **Real-World Relevance:** Gain a deeper understanding of your cellular models with detailed donor profiles. This information allows you to select hepatocytes that closely match the characteristics of your study population, improving the translatability of your findings.

## 6. 3D cell culture ready:

- **Unleash 3D potential:** Our hepatocytes are compatible with 3D cell culture models. Explore the dynamic world of three-dimensional cell culture, opening up new avenues for toxicity assessment and drug development.

PELOBiotech hepatocytes allows you to make informed decisions in drug development and safety assessment. With our hepatocytes, you'll have the confidence to advance your understanding of toxicological processes and drive scientific progress.

Join the PELOBiotech revolution in toxicology research. Elevate your studies to new heights with our quality-assured hepatocytes. Contact us today to unlock the full potential of your research.

Product Overview  
Primary Human Cells & Media 2025 v.:1.2 (St.:250403)

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-053-5911-S-3</b>	Hepatocytes cryopreserved for suspension culture	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5900-P-50 + PB-MH-053-5900-T-50 + PB-MH-053-5900-M-50	PB
<b>PB-CH-053-5911-S-4</b>	Hepatocytes cryopreserved for suspension culture	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5900-P-50 + PB-MH-053-5900-T-50 + PB-MH-053-5900-M-50	PB
<b>PB-CH-053-5911-S-6</b>	Hepatocytes cryopreserved for suspension culture	6x10E6 cells/vial	Hepatocytes	PB-MH-053-5900-P-50 + PB-MH-053-5900-T-50 + PB-MH-053-5900-M-50	PB
<b>PB-CH-053-5911-P2-3</b>	Hepatocytes, plateable 2D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-P2-6</b>	Hepatocytes, plateable 2D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-P2-4</b>	Hepatocytes, plateable 2D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-P3-3</b>	Hepatocytes, plateable 3D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-P3-6</b>	Hepatocytes, plateable 3D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-P3-4</b>	Hepatocytes, plateable 3D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PM3-3</b>	Hepatocytes, plateable, metabolism tested and 3D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PM3-6</b>	Hepatocytes, plateable, metabolism tested and 3D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PM3-4</b>	Hepatocytes, plateable, metabolism tested and 3D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PM2-3</b>	Hepatocytes, plateable, metabolism tested, 2D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PM2-6</b>	Hepatocytes, plateable, metabolism tested, 2D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PM2-4</b>	Hepatocytes, plateable, metabolism tested, 2D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PMI2-3</b>	Hepatocytes, plateable, metabolism, induction and 2D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PMI2-6</b>	Hepatocytes, plateable, metabolism, induction and 2D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-053-5911-PMI2-4</b>	Hepatocytes, plateable, metabolism, induction and 2D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PMI3-3</b>	Hepatocytes, plateable, metabolism, induction and 3D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PMI3-6</b>	Hepatocytes, plateable, metabolism, induction and 3D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PMI3-4</b>	Hepatocytes, plateable, metabolism, induction and 3D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PMIT2-3</b>	Hepatocytes, plateable, metabolism, induction, transporter and 2D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PMIT2-6</b>	Hepatocytes, plateable, metabolism, induction, transporter and 2D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PMIT2-4</b>	Hepatocytes, plateable, metabolism, induction, transporter and 2D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-2D-TPM	PB
<b>PB-CH-053-5911-PMIT3-3</b>	Hepatocytes, plateable, metabolism, induction, transporter and 3D tested	< 4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PMIT3-6</b>	Hepatocytes, plateable, metabolism, induction, transporter and 3D tested	> 6x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB
<b>PB-CH-053-5911-PMIT3-4</b>	Hepatocytes, plateable, metabolism, induction, transporter and 3D tested	4x10E6 cells/vial	Hepatocytes	PB-MH-053-5990-3D-TPM	PB

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Hepatocytes from diseased donors are available on request.

## Human Hepatocytes isolated from total liver (US origin)

### AnaBios hepatocytes for toxicology research

Hepatocytes, are the primary functional cells of the liver, these remarkable cells are the body's metabolic workhorses, responsible for a wide array of vital functions, including detoxification, protein synthesis, and the regulation of nutrient metabolism. Hepatocytes play a pivotal role in drug metabolism, toxicity assessment, and the study of liver diseases, making them a

cornerstone in scientific endeavors aimed at advancing our understanding of liver health, drug development, and medical therapies.

**Advantages of AnaBios hepatocytes in toxicology studies:**

**1. High lot sizes (5-10 million viable cells per vial):**

- **Ample material:** Toxicological studies often demand a substantial quantity of cells for a variety of assays. With our high lot sizes, you gain access to an abundant supply of hepatocytes, reducing the need for repeated sourcing and ensuring consistency across your research endeavors.

**2. Exceptional viability (>90% cell viability):**

- **Reliable data:** In the realm of toxicology research, the viability of your cells is paramount. Our hepatocytes boast over 90% cell viability, providing robustness and resilience. This, in turn, guarantees that your results are not only consistent and reproducible but also highly reliable. Minimized variability enhances the credibility of your findings.

**3. Extensive donor information (Gender, age, ethnicity, BMI, cause of death, smoking & alcohol use, HLA typing, serology data, past medical history):**

- **Enhanced Relevance:** Toxicological responses can be influenced by individual characteristics. Our hepatocytes come with extensive donor information, allowing you to select cells that closely match the demographics of your study population. This ensures that your research mirrors real-world scenarios, vastly improving the clinical relevance of your findings.

**4. Comprehensive testing (CYP enzymes, Phase I and II metabolism, induction activity, bile canaliculi formation):**

- **In-Depth Analysis:** Toxicology studies often revolve around the assessment of chemical impacts on metabolic pathways and hepatic function. Our hepatocytes undergo rigorous testing for a wide array of critical enzymes and functional parameters. This includes CYP enzymes, Phase I and II metabolism, induction activity, and bile canaliculi formation. This comprehensive characterization equips you to conduct thorough investigations into drug metabolism, toxicity, and drug-drug interactions.

**Multiple competencies for varied needs:** Furthermore, we offer our hepatocytes in diverse formats to cater to your specific research needs. Whether you require plateable, suspension, or spheroid competency, AnaBios Hepatocytes are adaptable to accommodate a wide range of experimental designs.

By combining these exceptional features and our flexible competency options, our hepatocytes provide you with a unique advantage in toxicology research. They empower you to conduct studies with a robust supply of highly viable cells, relevant donor information, and

comprehensive functional data, ultimately leading to more accurate and clinically applicable findings.

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-AB-HEP-001-S</b>	Hepatocytes cryopreserved for suspension culture	>5x10E6 cells/vial	Hepatocytes	PB-AB-HEM-400	AB
<b>PB-AB-HEP-001-P-3</b>	Hepatocytes, cryopreserved, plateable	< 4 x10E6 cells/vial	Hepatocytes	PB-AB-HHM-MPT-Kit	AB
<b>PB-AB-HEP-001-P-4</b>	Hepatocytes, cryopreserved, plateable	4-6 x10E6 cells/vial	Hepatocytes	PB-AB-HHM-MPT-Kit	AB
<b>PB-AB-HEP-001-P-6</b>	Hepatocytes, cryopreserved, plateable	>6 x10E6 cells/vial	Hepatocytes	PB-AB-HHM-MPT-Kit	AB
<b>PB-AB-HEP-001-P6-3D</b>	Hepatocytes, cryopreserved, plateable, 3D qualified	6 x10E6 cells/vial	Hepatocytes	PB-AB-HHM-MPT-Kit	AB

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### iPS derived human hepatocytes

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-TB-1010</b>	Tempo-iHep™: Human iPSC- derived Hepatocytes	2,0x10E6 cells/vial	Hepatocytes	on request	TB
<b>H-001</b>	Hepatosight®-S	5 x10E6 cells/vial	iPS derived Hepatocytes	HMS-001	NX
<b>H-002</b>	Hepatosight®-S	10 x10E6 cells/vial	iPS derived Hepatocytes	HMS-002	NX

### Other human liver cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-053-9611</b>	Kupffer Cells	1x10E6 cells/vial	Kupffer Cells	PB-MH-053-9600-50	PB
<b>PB-CH-053-0011</b>	Liver Non-Parenchymal cells (NPC)	1x10E6 cells/vial	Non-Parenchymal Cells	On request	PB
<b>PB-CH-053-0011-CI</b>	Liver Non-Parenchymal cells (NPC) with further characterization	1x10E6 cells/vial	Non-Parenchymal Cells	On request	PB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-053-5711</b>	Liver Stellate Cells (P3)	0,5x10E6 cells/vial	Stellate Cells	PB-MH-053-0000-T50 + PB-MH-053-5700-XX	PB
<b>PB-CH-053-5711-01</b>	Liver Stellate Cells (P3)	0,1x10E6 cells/vial	Stellate Cells	PB-MH-053-0000-T50 + PB-MH-053-5700-XX	PB
<b>PB-CH-053-9611</b>	Kupffer Cells	1x10E6 cells/vial	Kupffer Cells	PB-MH-053-9600-50	PB
<b>PB-CH-153-5511</b>	Liver Sinusoidal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-153-5811</b>	Liver Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-453-0011</b>	Liver Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-CH-453-6411</b>	Liver Cancer associated Fibroblast	0,5x10E6 Cells/vial	Fibroblast	on request	PB
<b>10HU-021</b>	Human Hepatic Sinusoidal Endothelial Cells (HHSEC, Adult)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-210</b>	Human Hepatic Stellate Cells- Adult (HHSC)	1.0 million cells/vial	Stellate Cells	MD-0014	IX
<b>10HU-210N</b>	Human Hepatic Stellate Cells - NASH (HHSC -N)	1.0 million cells/vial	Stellate Cells	MD-0014	IX
<b>ACBRI 566</b>	Primary Human Liver Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>PB-H-6044Cas9</b>	Cas9-Expressing Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6019Cas9</b>	Cas9-Expressing Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6017Cas9</b>	Cas9-Expressing Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6044Cre</b>	Cre-Expressing Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6019Cre</b>	Cre-Expressing Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

Product Overview  
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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6017Cre</b>	Cre-Expressing Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6044GFP</b>	GFP-Expressing Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6019GFP</b>	GFP-Expressing Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6017GFP</b>	GFP-Expressing Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6044</b>	Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6019</b>	Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6017</b>	Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6044IM.GFP</b>	Immortalized GFP-Expressing Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6019IM.GFP</b>	Immortalized GFP-Expressing Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6017IM.GFP</b>	Immortalized GFP-Expressing Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6044IM</b>	Immortalized Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6019IM</b>	Immortalized Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6017IM</b>	Immortalized Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6044Luc</b>	Luciferase-Expressing Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6019Luc</b>	Luciferase-Expressing Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6017Luc</b>	Luciferase-Expressing Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6044RFP</b>	RFP-Expressing Human Primary Liver Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6019RFP</b>	RFP-Expressing Human Primary Liver Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6017RFP</b>	RFP-Expressing Human Primary Liver Sinusoidal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-490L-05f</b>	Cryopreserved CD34+ HHSC-L, Fetal	0,5x10E6 cells/vial	Hematopoietic Stem Cells	PB-621-50	CA
<b>PB-702-05f</b>	Human Hepatic Duct Fibroblasts Cells (HHDF), fetal	0,5x10E6 cells/vial	Fibroblast	PB-7111K-500	CA
<b>PB-712-05f</b>	Human Hepatic Fibroblasts Cells (HHF), fetal	0,5x10E6 cells/vial	Fibroblast	PB-7111K-500	CA
<b>PB-782-05f</b>	Human Hepatic Stellate Cells (HHSC), fetal	0,5x10E6 cells/vial	Stellate Cells	PB-7117K-500	CA
<b>PB-490L-01f</b>	Cryopreserved CD34+ HHSC-L, Fetal	1X10E5 cells/vial	Hematopoietic Stem Cells	PB-621-50	CA
<b>PB-490L-03f</b>	Cryopreserved CD34+ HHSC-L, Fetal	3X10E5 cells/vial	Hematopoietic Stem Cells	PB-621-50	CA
<b>PB-cAP-0012</b>	Human Liver Sinusoidal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0012AEQ-GFP</b>	Human Liver Sinusoidal Microvascular Endothelial Cells Expressing AEQ-GFP in Mitochondria	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0012GFP</b>	GFP Expressing Human Liver Sinusoidal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0012RFP</b>	RFP Expressing Human Liver Sinusoidal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0035</b>	Human Liver Stellate Cells	0,5x10E6 cells/vial	Stellate Cells	PB-cAP-31	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0035GFP</b>	GFP Expressing Human Liver Stellate Cells	0,5x10E6 cells/vial	Stellate Cells	PB-cAP-31	AP
<b>PB-cAP-0035GFP-AEQ</b>	Human Liver Stellate Cells Expressing GFP-Aequorin in Mitochondria	0,5x10E6 cells/vial	Stellate Cells	PB-cAP-31	AP
<b>PB-cAP-0035RFP</b>	RFP Expressing Human Liver Stellate Cells	0,5x10E6 cells/vial	Stellate Cells	PB-cAP-31	AP
<b>PB-cAP-0038</b>	Human Liver Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0053</b>	Human HepG2 tumor Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0053GFP</b>	GFP Expressing Human HepG2 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0053GFP-AEQ</b>	Human HepG2 Cells Expressing GFP-AEQ in Mitochondria	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0071</b>	Conditionally Immortalized Human Liver Stellate Cells	0,5x10E6 cells/vial	Stellate Cells	PB-cAP-31	AP
<b>PB-cAP-0112</b>	Human Hepatic Biliary Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0127GFP</b>	GFP-Human HepG2/C3A	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0128GFP</b>	GFP-Human Liver Carcinoma Cells (SNU423)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0129GFP</b>	GFP-Human Liver Carcinoma Cells (SNU476)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0131GFP</b>	GFP-Human Liver Carcinoma Cells (SNU387)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0132GFP</b>	GFP-Human Liver Carcinoma Cells (SNU449)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0133GFP</b>	GFP-Human Liver Carcinoma Cells (Hep3B)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0134GFP</b>	GFP-Human Liver Carcinoma Cells (HuH7)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0135GFP</b>	GFP-Human Liver Carcinoma Cells (PLC/PRF5)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

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## Heart cells

Cardiomyocytes, the specialized muscle cells of the heart, hold the key to unraveling the intricacies of cardiac function and cardiovascular health. These remarkable cells orchestrate the rhythmic contractions that pump blood throughout the body, sustaining life itself. Cardiomyocytes are pivotal in modeling heart diseases, studying arrhythmias, and developing innovative cardiovascular therapies. Their ability to replicate heart processes and provide insights into drug-induced cardiotoxicity makes them invaluable tools in advancing our understanding of cardiology, enhancing patient care, and catalyzing breakthroughs in regenerative medicine and drug discovery.

### Advantages of cardiomyocytes in toxicology studies:

1. **Cardiovascular relevance:** Cardiomyocytes mirror the structure and function of human heart muscle cells. Research with these cells is pivotal for understanding how toxins and drugs may impact the heart's function and overall cardiovascular health.
2. **Cardiac disease modelling:** Cardiomyocytes play a central role in modeling various cardiac diseases and disorders. Researchers can recreate pathological conditions in vitro, facilitating the exploration of disease mechanisms and the development of potential therapeutic interventions.
3. **Drug safety evaluation:** Assessing the potential cardiotoxicity of pharmaceuticals and environmental agents is a critical facet of drug development and safety assessment. Cardiomyocytes provide an ideal platform for evaluating the impact of substances on cardiac contractility, electrophysiology, and cellular health.
4. **Functional insights:** By studying cardiomyocytes, researchers gain crucial insights into the mechanisms of cardiotoxicity, including ion channel dysfunction, oxidative stress, inflammation, and contractile impairment. This knowledge informs the development of safer medications and interventions for cardiovascular conditions.

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### Cardiovascular conditions cardiomyocytes can be used to study:

1. **Arrhythmias:** Cardiomyocytes are instrumental in modeling and studying arrhythmias, irregular heart rhythms that can result from the toxic effects of drugs or environmental factors. This research aids in understanding arrhythmogenic mechanisms and developing anti-arrhythmic therapies.
2. **Cardiomyopathies:** Researchers employ cardiomyocytes to investigate various cardiomyopathies, such as dilated cardiomyopathy and hypertrophic cardiomyopathy, to understand the underlying mechanisms and identify potential treatments.
3. **Ischemic heart disease:** Cardiomyocytes are pivotal in studying ischemic heart disease, which results from reduced blood flow to the heart muscle. Insights gained from these studies contribute to understanding the cellular responses to ischemia and designing interventions to protect the heart during ischemic events.

4. **Drug-induced cardiotoxicity:** Cardiomyocytes are used to evaluate the cardiotoxic potential of drugs, especially chemotherapeutic agents and targeted therapies. This research aids in identifying cardiotoxic mechanisms and designing strategies to minimize the impact on the heart.

### Cardiomyocytes

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-AB-HC-LC</b>	Cardiomyocytes cryopreserved	< 4x10E6 cells/vial	Cardiomyocytes	On request	AB

### iPS derived Cardiomyocytes

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-TB-1014</b>	Tempo-iCardio™: Human iPSC- derived Cardiomyocytes	1,0x10E6 cells/vial	iPS derived Cardiomyocytes	On request	TB
<b>PB-C-001</b>	Cardiosight®-S	2,5x10E6 cells/vial	iPS derived Cardiomyocytes	PB-CMS-001A	NX
<b>PB-C-002</b>	Cardiosight®-S	5x10E6 cells/vial	iPS derived Cardiomyocytes	PB-CMS-002A	NX
<b>PB-i357-20</b>	Cryopreserved iPSC-Derived Cardiac Cells	2x10E6 cells/vial	iPS derived Cardiac Cells	PB-017DK PB-021P-20 PB-126-05	CA

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### Further heart cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-151-4011</b>	Cardiac Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>10HU-052</b>	Human Cardiac Microvascular Endothelial Cells (HCMEC)	0,5x10E6 cells/vial	Endothelial Cells	MD-0010	IX
<b>ACBRI 5118</b>	Primary Human Cardiac Fibroblast Cells	1x10E6 cells/vial	Fibroblast	4Z0-500	CS
<b>PB-H-6049Cas9</b>	Cas9-Expressing Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6024Cas9</b>	Cas9-Expressing Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049Cre</b>	Cre-Expressing Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6024Cre</b>	Cre-Expressing Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049GFP</b>	GFP-Expressing Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6024GFP</b>	GFP-Expressing Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049</b>	Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6024</b>	Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049IM.GFP</b>	Immortalized GFP-Expressing Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6024IM.GFP</b>	Immortalized GFP-Expressing Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049IM</b>	Immortalized Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6024IM</b>	Immortalized Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049Luc</b>	Luciferase-Expressing Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6024Luc</b>	Luciferase-Expressing Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049RFP</b>	RFP-Expressing Human Primary Cardiac Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6024RFP</b>	RFP-Expressing Human Primary Cardiac Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-306-05f</b>	Cardiac Fibroblasts (HCF); fetal	0,5x10E6 cells/vial	Fibroblast	PB-316K-500	CA
<b>PB-306A-05a</b>	Cryopreserved Cardiac Fibroblasts (HCF), Atrium, Adult	0,5x10E6 cells/vial	Fibroblast	PB-316K-500	CA

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-306V-05a</b>	Cryopreserved Cardiac Fibroblasts (HCF), Ventricle, Adult	0,5x10E6 cells/vial	Fibroblast	PB-316K-500	CA
<b>PB-802hAS-05a</b>	Cryopreserved HPA-d-h-AS, Adult, heart	0,5x10E6 cells/vial	Preadipocytes	PB-811K-500	CA
<b>PB-802hT2D-05a</b>	Cryopreserved HPA-d-h-T2D, adult, heart	0,5x10E6 cells/vial	Preadipocytes	PB-811K-500	CA
<b>PB-310-05f</b>	Human Pericardial Fibroblasts (HPcF), fetal	0,5x10E6 cells/vial	Fibroblast	PB-316K-500	CA
<b>PB-802h-05a</b>	Preadipocytes (HPAd); heart; adult	0,5x10E6 cells/vial	Preadipocytes	PB-811K-500	CA
<b>PB-i357-20</b>	Cryopreserved iPSC-Derived Cardiac Cells	2x10E6 cells/vial	iPS derived Primary Cells	PB-017DK PB-021P-20 PB-126-05	CA
<b>PB-cAP-0021</b>	Human Cardiac Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0048ad</b>	Human Cardiac Myocytes (adults)	0,5x10E6 cells/vial	Myocytes	PB-cAP-41	AP
<b>PB-cAP-0048ad-hTert</b>	hTert-Human Cardiac Myocytes (adults)	0,5x10E6 cells/vial	Myocytes	PB-cAP-41	AP
<b>PB-cAP-0048ad-SV40</b>	SV40-Human Cardiac Myocytes	0,5x10E6 cells/vial	Myocytes	PB-cAP-41	AP
<b>PB-cAP-0214</b>	Human Cardiac Microvascular Endothelial Cells (ventricular)	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-45	AP

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### Brain/CNS/PNS cells

Neuronal cells, the fundamental components of the nervous system, are instrumental in unraveling the mysteries of neurobiology. These remarkable cells enable the transmission of electrical and chemical signals, forming the basis of complex cognitive functions, emotions, and sensory perception. Neuronal cells are indispensable for studying neurodegenerative disorders, brain-related diseases, and the development of innovative treatments. With their ability to replicate neural processes and provide insights into drug-induced neurotoxicity, neuronal cells stand as essential tools in advancing our understanding of neuroscience, enhancing patient care, and driving breakthroughs in regenerative medicine and drug discovery.

#### Advantages of neuronal cells in toxicology studies:

- 1. Central nervous system relevance:** Neuronal cells serve as the closest representation of the central nervous system (CNS) outside of the human body. Studying these cells is essential for comprehending how toxins may affect brain function and contribute to neurotoxicity.

2. **Disease modeling:** Neuronal cells are instrumental in modeling and understanding neurodegenerative diseases and neurological disorders. Researchers can recreate pathological conditions *in vitro*, enabling the exploration of disease mechanisms and the development of potential therapeutics.
3. **Drug safety assessment:** Assessing the potential neurotoxicity of drugs and environmental chemicals is a crucial aspect of drug development and public health. Neuronal cells provide a platform for evaluating the effects of substances on neuronal viability, synaptic function, and overall neural health.
4. **Functional insights:** By studying neuronal cells, researchers gain valuable insights into the mechanisms of neurotoxicity, including oxidative stress, inflammation, excitotoxicity, and mitochondrial dysfunction. This knowledge informs the development of safer medications and interventions for neurological conditions.

**Disease neuronal cells can be used to study:**

1. **Alzheimer's disease:** Neuronal cells are pivotal in modeling Alzheimer's disease, a neurodegenerative disorder characterized by the accumulation of amyloid-beta plaques and tau tangles. Research with neuronal cells aids in understanding disease progression and potential interventions.
2. **Parkinson's disease:** Researchers employ neuronal cells to investigate the underlying mechanisms of Parkinson's disease, a disorder associated with the loss of dopaminergic neurons. This knowledge contributes to the development of therapies to alleviate symptoms and slow disease progression.
3. **Huntington's disease:** Neuronal cells are instrumental in studying Huntington's disease, a genetic disorder leading to the degeneration of specific neurons. Insights gained from these studies contribute to understanding the genetics and molecular pathways involved.
4. **Neurodevelopmental disorders:** Neuronal cells are utilized to explore the impact of toxins on early brain development and the pathogenesis of neurodevelopmental disorders such as autism spectrum disorders and intellectual disabilities.
5. **Psychiatric disorders:** Neuronal cells are essential for studying psychiatric diseases. They provide a controlled environment to investigate the molecular and genetic factors behind conditions like depression and schizophrenia. This research aids in understanding the causes and potential treatments for psychiatric disorders, offering hope for improved therapies.

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
RCDN001N	StemRNA Neuro (3×10 <sup>6</sup> cells)	3x10E6 cells/vial	iPS Cell derived Neurons	RCDN101 or RCDN102	RC

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-010-2211</b>	Brain Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-MH-031-4000-rtu	PB
<b>PB-CH-110-4011</b>	Brain Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-719-2911</b>	Brain Astrocytes	0,5x10E6 cells/vial	Astrocytes	PB-MH-719-0090	PB
<b>10HU-031</b>	Human Brain Vascular Pericytes (HBVP)	0.5 million cells/vial	Pericytes	MD-0030	IX
<b>10HU-035</b>	Human Astrocytes (HA)	0.5 million cells/vial	Astrocytes	MD-0039	IX
<b>10HU-051</b>	Human Brain Microvascular Endothelial Cells (HBMVEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-168</b>	Human Meningeal Cells (HMC)	0.5 million cells/vial	Meningeal Cells	MD-0050	IX
<b>ACBRI 376</b>	Primary Human Brain Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>ACBRI 498</b>	Primary Human Brain Pericytes	1x10E6 cells/vial	Pericytes	4Z0-500	CS
<b>PB-H-6023Cas9</b>	Cas9-Expressing Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6076Cas9</b>	Cas9-Expressing Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6085Cas9</b>	Cas9-Expressing Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6023Cre</b>	Cre-Expressing Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6076Cre</b>	Cre-Expressing Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6085Cre</b>	Cre-Expressing Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6023GFP</b>	GFP-Expressing Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6076GFP</b>	GFP-Expressing Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6085GFP</b>	GFP-Expressing Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6023</b>	Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6076</b>	Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6085</b>	Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6023IM.GFP</b>	Immortalized GFP-Expressing Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6076IM.GFP</b>	Immortalized GFP-Expressing Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6085IM.GFP</b>	Immortalized GFP-Expressing Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6023IM</b>	Immortalized Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6076IM</b>	Immortalized Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6085IM</b>	Immortalized Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6023Luc</b>	Luciferase-Expressing Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6076Luc</b>	Luciferase-Expressing Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6085Luc</b>	Luciferase-Expressing Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6023RFP</b>	RFP-Expressing Human Primary Brain Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6076RFP</b>	RFP-Expressing Human Primary Brain Vascular Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6085RFP</b>	RFP-Expressing Human Primary Brain Vascular Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-882A-05a</b>	Human Astrocytes (HA), adult	0,5x10E6 cells/vial	Astrocytes	PB-821K-500	CA
<b>PB-882A-05f</b>	Human Astrocytes (HA), fetal	0,5x10E6 cells/vial	Astrocytes	PB-821K-500	CA
<b>PB-i820-10</b>	Cryopreserved iPSC-derived Neural Stem Cells (i-HNSC)	1x10E6 cells/vial	iPS derived Primary Cells	PB-i813K-250	CA
<b>PB-HS820-20f</b>	Cryopreserved HNSC, Fetal	2x10E6 cells/vial	Neural Stem Cells	PB-813K-250	CA
<b>PB-cAP-0002</b>	Human Brain Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0002GFP</b>	GFP Expressing Human Brain Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0002GFP-AEQ</b>	Human Brain Microvascular Endothelial Cells Expressing GFP-AEQ in Mitochondria	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0002RFP</b>	RFP Expressing Human Brain Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0002VE-CAD-GFP</b>	Human Brain Microvascular Endothelial Cells Expressing VE-CAD-GFP	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0030</b>	Human Brain Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0030GFP</b>	GFP Expressing Human Brain Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0030RFP</b>	RFP Expressing Human Brain Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0031</b>	Human Brain Astrocytes	0,5x10E6 cells/vial	Astrocytes	PB-cAP-29	AP
<b>PB-cAP-0031GFP</b>	GFP Expressing Human Brain Astrocytes	0,5x10E6 cells/vial	Astrocytes	PB-cAP-29	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0031RFP</b>	RFP Expressing Human Brain Astrocytes	0,5x10E6 cells/vial	Astrocytes	PB-cAP-29	AP
<b>PB-cAP-0036</b>	Human Neuron Cells	0,3x10E6 cells/vial	Neurons	PB-cAP-34	AP
<b>PB-cAP-0040-hTert</b>	hTert-Human Brain Microglia Cells	0,5x10E6 cells/vial	Microglia Cells	PB-cAP-37B	AP
<b>PB-cAP-0040-hTertGFP</b>	hTert Immortalized GFP-Human Brain Microglia Cells	0,5x10E6 cells/vial	Microglia Cells	PB-cAP-37	AP
<b>PB-cAP-0118</b>	Human Schwann Cell Like Cells	0,5x10E6 cells/vial	Schwann Cell Like Cells	PB-cAP-65	AP
<b>PB-cAP-0044</b>	Human Glioblastoma Cells (U87MG)	0,5x10E6 cells/vial	Glioblastoma Cell	PB-cAP-01B	AP
<b>PB-cAP-0044GFP</b>	GFP Expressing Human Glioblastoma Cells (U87MG)	0,5x10E6 cells/vial	Glioblastoma Cell	PB-cAP-01B	AP
<b>PB-cAP-0044RFP</b>	RFP Expressing Human Glioblastoma Cells (U87MG)	0,5x10E6 cells/vial	Glioblastoma Cell	PB-cAP-01B	AP
<b>PB-cAP-0056</b>	Human Neuron Precursor Cells	0,5x10E6 cells/vial	Neuron Precursor	PB-cAP-34	AP
<b>PB-cAP-0056RFP</b>	RFP Expressing Human Neuron Precursor Cells	0,5x10E6 cells/vial	Neuron Precursor	PB-cAP-34	AP
<b>PB-cAP-0057</b>	Human Dopaminergic Neuron Cells	0,5x10E6 cells/vial	Neurons	PB-cAP-63	AP
<b>PB-cAP-0057RFP</b>	RFP Expressing Human Dopaminergic Neuron Cells	0,5x10E6 cells/vial	Neurons	PB-cAP-63	AP
<b>PB-cAP-0070</b>	Conditionally Immortalized Human Neuron Cells	0,5x10E6 cells/vial	Neurons	PB-cAP-34	AP
<b>PB-cAP-0085GFP</b>	GFP-Human Brain Glioblastoma Cells (LN-229)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0086GFP</b>	GFP-Human Brain Glioblastoma Cells (LN-18)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0086RFP</b>	RFP-Human Brain Glioblastoma Cells (LN-18)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

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### iPS derived neural cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-TB-101</b>	Tempo-iAstro™: Human iPSC-derived Astrocytes	1,0x10E6 cells/vial	iPS derived Astrocytes	PB-TB-605 or PB-TB-606	TB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-TB-1015</b>	Tempo-iBMEC(TM): human iPSC-derived brain microvascular endothelial cellsPericytes	1x10E6 cells/vial	iPS derived endothelial cells	PB-TB-629	TB
<b>PB-TB-201</b>	Tempo-iCort™: Human iPSC- derived Cortical Neurons	1,0x10E6 cells/vial	iPS derived Cortical Neurons	PB-TB-623 or PB-TB-626	TB
<b>PB-TB-206</b>	Tempo-iDopaNer™: Human iPSC- derived Dopaminergic Neurons	1,0x10E6 cells/vial	iPS derived Dopaminergic Neurons	PB-TB-611	TB
<b>PB-TB-1001.1</b>	Tempo-iMG™: Human iPSC- derived Microglia	1,0x10E6 cells/vial	iPS derived Microglia	PB-TB-603	TB
<b>PB-TB-207</b>	Tempo- iMotorNer™: Human iPSC- derived Motor Neurons	1,0x10E6 cells/vial	iPS derived Motor Neurons	PB-TB-609	TB
<b>PB-TB-100</b>	Tempo-iNStem™: Human iPSC- derived Neural Progenitor Cells	1,0x10E6 cells/vial	iPS derived Neural Progenitor Cells	PB-TB-624	TB
<b>PB-TB-102</b>	Tempo-iOligo™: Human iPSC- derived Oligodendrocyte Progenitor Cells (OPCs)	1,0x10E6 cells/vial	iPS derived Oligodendrocyte Progenitor Cells	PB-TB-601 or PB-TB-602	TB
<b>PB-TB-1016</b>	Tempo-iPeri(TM): human iPSC-derived Pericytes	1x10E6 cells/vial	iPS derived Pericytes	PB-TB-628	TB
<b>PB-TB-213</b>	Tempo-iSchwann™: Human iPSC- derived Schwann Cell	1,0x10E6 cells/vial	iPS derived Schwann Cells	PB-TB-607	TB
<b>PB-TB-205</b>	Tempo-iSenso™: Human iPSC- derived Sensory Neurons	1,0x10E6 cells/vial	iPS derived Sensory Neurons	PB-TB-604	TB
<b>RCDN001N</b>	StemRNA Neuro (3x10 <sup>6</sup> cells)	3x10E6 cells/vial	iPS Cell derived Neurons	RCDN101 or RCDN102	RC
<b>N-001</b>	Neurosight®-S	2 x10E6 cells/vial	iPS derived Neural Progenitor Cells	NMS-001	NX
<b>N-002</b>	Neurosight®-S	4 x10E6 cells/vial	iPS derived Neural Progenitor Cells	NMS-002	NX
<b>40HU-008-1M</b>	Human Astrocytes (iPSC-derived, Normal)	1.0 million cells/vial	iPS derived Astrocytes	MD-0109	IX
<b>40HU-008-2M</b>	Human Astrocytes (iPSC-derived, Normal)	2.0 million cells/vial	iPS derived Astrocytes	MD-0109	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>40HU-008-PSEN2-N141I-HET-1M</b>	Human Astrocytes (iPSC- derived, PSEN2 mutant, N141I,HET)	1.0 million cells/vial	iPS derived Astrocytes	MD-0109	IX
<b>40HU-008-PSEN2-N141I-HET-2M</b>	Human Astrocytes (iPSC- derived, PSEN2 mutant, N141I,HET)	2.0 million cells/vial	iPS derived Astrocytes	MD-0109	IX
<b>40HU-009-1M</b>	Human Cortical Neurons (iPSC-derived, Normal)	1 million cells/vial	iPS Cell derived Neurons	MD-0093	IX
<b>40HU-009-4M</b>	Human Cortical Neurons (iPSC-derived, Normal)	4 million cells/vial	iPS Cell derived Neurons	MD-0093	IX
<b>40HU-010-1M</b>	Human Cortical GABAergic Neurons (iPSC-derived, Normal)	1 million cells/vial	iPS Cell derived Neurons	MD-0093	IX
<b>40HU-010-4M</b>	Human Cortical GABAergic Neurons (iPSC-derived, Normal)	4 million cells/vial	iPS Cell derived Neurons	MD-0093	IX
<b>40HU-013-1M</b>	Human Sensory Neurons (iPSC-derived, Normal)	1.0 million cells/vial	iPS Cell derived Neurons	MD-0114-100ML MD-0110-20µL MD-0025-2MG	IX
<b>40HU-013-2M</b>	Human Sensory Neurons (iPSC-derived, Normal)	2.0 million cells/vial	iPS Cell derived Neurons	MD-0114-100ML MD-0110-20µL MD-0025-2MG	IX
<b>40HU-014-GFP-1M</b>	Human Glutamatergic Neurons (iPSC derived, GFP labeled, Normal)	1.0 million cells/vial	iPS Cell derived Neurons	MD-0116 MD-0110-20µl	IX
<b>40HU-014-GFP-2M</b>	Human Glutamatergic Neurons (iPSC derived, GFP labeled, Normal)	2.0 million cells/vial	iPS Cell derived Neurons	MD-0116 MD-0110-20µl	IX
<b>40HU-021-1M</b>	Human Astrocytes (iPSC-derived, Parkinson's Disease Patient, Sporadic)	1.0 million cells/vial	iPS derived Astrocytes	MD-0109-100ML	IX
<b>40HU-021-2M</b>	Human Astrocytes (iPSC-derived, Parkinson's Disease Patient, Sporadic)	2.0 million cells/vial	iPS derived Astrocytes	MD-0109-100ML	IX

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Product Overview  
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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>40HU-101-1M</b>	Human Motor Neurons (iPSC-derived, SOD1 mutant, A4V, HOM)	1 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-101-2M</b>	Human Motor Neurons (iPSC-derived, SOD1 mutant, A4V, HOM)	2 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-102-1M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, N352S, HET)	1 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-102-2M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, N352S, HET)	2 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-103-1M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, Q331K, HET)	1 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-103-2M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, Q331K, HET)	2 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-104-1M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, Q331K, HOM)	1 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-104-2M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, Q331K, HOM)	2 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-105-1M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, M337V, HET)	1 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-105-2M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, M337V, HET)	2 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>40HU-106-1M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, M337V, HOM)	1 million cells/vial	iPS derived Motor Neurons	MD-0022	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>40HU-106-2M</b>	Human Motor Neurons (iPSC-derived, TDP43 mutation, M337V, HOM)	2 million cells/vial	iPS derived Motor Neurons	MD-0022	IX
<b>PB-i536-05</b>	Cryopreserved AEC2/i-HAEPc2	0,5x10E6 cells/vial	iPS derived Primary Cells	PB-519K-100	CA
<b>PB-i820-10</b>	Cryopreserved iPSC-derived Neural Stem Cells (i-HNSC)	1x10E6 cells/vial	iPS derived Primary Cells	PB-i813K-250	CA
<b>PB-i357-20</b>	Cryopreserved iPSC-Derived Cardiac Cells	2x10E6 cells/vial	iPS derived Primary Cells	PB-017DK PB-021P-20 PB-126-05	CA
<b>PB-cAP-0500-002-01</b>	Human Induced Pluripotent Stem Cells-Derived Neural Precursor Cells (iPSC-NPCs)	1 Vial	iPS derived Primary Cells	PB-cAP-50 PB-cAP-49 PB-cAP-52	AP
<b>PB-cAP-0500-002-02</b>	Human Induced Pluripotent Stem Cells-Derived Endothelial Cells	1 Vial	iPS derived Primary Cells	PB-cAP-02-SF2	AP
<b>PB-cAP-0500-002-03</b>	Human Induced Pluripotent Stem Cells-Derived Astrocytes	1 Vial	iPS derived Primary Cells	PB-cAP-50 PB-cAP-49 PB-cAP-52	AP
<b>PB-cAP-0500-002-04</b>	Human Induced Pluripotent Stem Cells-Derived Neuron Cells	1 Vial	iPS derived Primary Cells	PB-cAP-50 PB-cAP-49 PB-cAP-52	AP

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## Kidney cells

Kidney cells, the fundamental building blocks of the renal system, these remarkable cells play a vital role in maintaining fluid and electrolyte balance, blood pressure regulation, and the removal of metabolic waste products. As invaluable tools in both basic research and clinical studies, kidney cells enable us to explore the mechanisms of renal disorders, kidney-related diseases, and the development of therapeutic interventions. With their capacity to mimic renal processes and offer insights into drug-induced nephrotoxicity, kidney cells stand as essential assets in advancing our understanding of nephrology, improving patient care, and driving innovation in the fields of regenerative medicine and drug discovery.

### Advantages of kidney cells in toxicology studies:

- 1. Vital organ function:** The kidneys play a central role in detoxifying the body by filtering and eliminating waste products and drugs. Studying kidney cells is essential for assessing the potential toxic effects of substances on these vital organs.

2. **Disease modeling:** Kidney cells can serve as an invaluable tool for modeling and understanding kidney diseases. Researchers can replicate pathological conditions in vitro, allowing for the exploration of disease mechanisms and the development of potential therapeutics.
3. **Drug safety assessment:** Evaluating the impact of pharmaceuticals on kidney function is essential in drug development. Kidney cells provide a platform for assessing drug-induced nephrotoxicity, a common concern in clinical trials.
4. **Functional insights:** By studying kidney cells, researchers gain insights into nephrotoxic mechanisms, such as oxidative stress, inflammation, and apoptosis. This knowledge informs the development of safer medications and therapeutic strategies.

#### **Disease kidney cells can be used to study:**

1. **Acute kidney injury (AKI):** Kidney cells are instrumental in modeling AKI, a condition often induced by toxins or medications. Understanding the molecular pathways involved in AKI can lead to preventive measures and better treatment options.
2. **Chronic kidney disease (CKD):** Kidney cells can be used to investigate the long-term effects of toxins, pollutants, or drugs on renal function. This aids in deciphering the pathogenesis of CKD and developing interventions.
3. **Diabetic nephropathy:** Kidney cells are essential for studying diabetic nephropathy, a complication of diabetes that affects renal function. Insights gained from these studies can guide diabetic management strategies.
4. **Renal carcinoma:** Researchers utilize kidney cells to explore the mechanisms underlying renal cell carcinoma, a type of kidney cancer. This knowledge contributes to early detection and targeted therapies.

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3D cell culture techniques have revolutionized toxicological studies by offering a more predictive model for assessing the safety of chemicals and drugs. Unlike traditional 2D cell cultures, 3D cultures better mimic the complex three-dimensional structure and interactions found in living tissues, making them more physiologically relevant. This enables researchers to observe how substances affect cells within a more natural context, leading to more accurate predictions of their toxicity in the human body. Consequently, 3D cell cultures enhance the efficiency of toxicological assessments, helping to identify potential risks and develop safer products with greater confidence. **Contact us for more information.**

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-152-5211</b>	Glomerular Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-352-0011</b>	Kidney Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-352-0090	PB
<b>PB-CH-452-0011</b>	Kidney Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>10HU-061</b>	Human Glomerular Microvascular Endothelial Cells (HGMEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-112</b>	Human Renal Proximal Tubular Epithelial Cells (HRPTEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>10HU-238</b>	Human Renal Fibroblasts	0.5 million cells/vial	Fibroblast	MD-0011	IX
<b>ACBRI 127</b>	Primary Human Glomerular Mesangial Cells	1x10E6 cells/vial	Mesangial Cells	4Z0-500	CS
<b>ACBRI 128</b>	Primary Human Glomerular Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>PB-H-6034Cas9</b>	Cas9-Expressing Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016Cas9</b>	Cas9-Expressing Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014GCas9</b>	Cas9-Expressing Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6015Cas9</b>	Cas9-Expressing Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6034Cre</b>	Cre-Expressing Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016Cre</b>	Cre-Expressing Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014GCre</b>	Cre-Expressing Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6015Cre</b>	Cre-Expressing Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6034GFP</b>	GFP-Expressing Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016GFP</b>	GFP-Expressing Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014G.GFP</b>	GFP-Expressing Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6015GFP</b>	GFP-Expressing Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6034</b>	Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016</b>	Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014G</b>	Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6015</b>	Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6034IM.GFP</b>	Immortalized GFP-Expressing Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016IM.GFP</b>	Immortalized GFP-Expressing Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014GIM.GFP</b>	Immortalized GFP-Expressing Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6015IM.GFP</b>	Immortalized GFP-Expressing Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6034IM</b>	Immortalized Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016IM</b>	Immortalized Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014GIM</b>	Immortalized Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6015IM</b>	Immortalized Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6034Luc</b>	Luciferase-Expressing Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016Luc</b>	Luciferase-Expressing Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014G.Luc</b>	Luciferase-Expressing Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6015Luc</b>	Luciferase-Expressing Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6034RFP</b>	RFP-Expressing Human Primary Kidney Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6016RFP</b>	RFP-Expressing Human Primary Kidney Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6014G.RFP</b>	RFP-Expressing Human Primary Kidney Glomerular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6015RFP</b>	RFP-Expressing Human Primary Proximal Tubular Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-942-05n</b>	Cryopreserved Renal Glomerular Epithelial Cells (HRGEpC), Neonatal	0,5x10E6 cells/vial	Epithelial Cells	PB-911K-500	CA
<b>PB-930-05a</b>	Renal Proximal Tubular Epithelial Cells (HRPTEpC), adult	0,5x10E6 cells/vial	Epithelial Cells	PB-911K-500	CA
<b>PB-930-05f</b>	Renal Proximal Tubular Epithelial Cells (HRPTEpC), fetal	0,5x10E6 cells/vial	Epithelial Cells	PB-911K-500	CA
<b>PB-930-05n</b>	Renal Proximal Tubular Epithelial Cells (HRPTEpC), neonatal	0,5x10E6 cells/vial	Epithelial Cells	PB-911K-500	CA
<b>PB-cAP-0004</b>	Human Glomerular Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0004GFP</b>	GFP Expressing Human Glomerular Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0004RFP</b>	RFP Expressing Human Glomerular Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0004VE-Cad-GFP</b>	VE-CadGFP Expressing Human Glomerular Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0064</b>	Conditionally Immortalized Human Glomerular Podocytes	0,5x10E6 cells/vial	Podocytes	PB-cAP-47	AP
<b>PB-cAP-0064F</b>	Conditionally Immortalized Human Glomerular Podocytes (Fabry Patient)	0,5x10E6 cells/vial	Podocytes	PB-cAP-47	AP
<b>PB-cAP-0064F-RFP</b>	RFP Expressing Conditionally Immortalized Human Kidney Podocytes (Fabry Patient)	0,5x10E6 cells/vial	Podocytes	PB-cAP-47	AP
<b>PB-cAP-0064RFP</b>	RFP-Expressing Conditionally Immortalized Human Glomerular Podocytes	0,5x10E6 cells/vial	Podocytes	PB-cAP-47	AP
<b>PB-cAP-0075GFP</b>	GFP-Human Kidney Carcinoma cells (A498)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0075RFP</b>	RFP-Human Kidney Carcinoma cells (A498)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0111</b>	Human Renal Proximal Tubule Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-45C	AP
<b>PB-cAP-0111GFP</b>	GFP-Human Renal Proximal Tubule Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-45C	AP
<b>PB-cAP-0111RFP</b>	RFP-Human Renal Proximal Tubule Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-45C	AP
<b>PB-cAP-0138</b>	Human Renal Medullary Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	cAP-045C	AP
<b>PB-cAP-0138hTert</b>	hTert-Human Renal Medullary Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	cAP-045C	AP
<b>PB-cAP-0139</b>	Human Renal Cortical Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	cAP-045C	AP

## iPS derived kidney cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-TB-1013</b>	Tempo-iKidneyPod™: Human iPSC-derived Kidney Proximal Tubules and Podocyte 3D Spheroids	1,0x10E6 cells/vial	iPS derived Proximal Tubulus Epithelial Cells & Podocytes	on request	TB
<b>PB-TB-213</b>	Tempo-iSchwann™: Human iPSC- derived Schwann Cell	1,0x10E6 cells/vial	iPS derived Schwann Cells	on request	TB

## Lung cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-150-4011</b>	Lung Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100- 4099	PB
<b>PB-CH-150-5811</b>	Pulmonary Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100- 4099	PB
<b>PB-CH-293-2011</b>	Pulmonary Artery Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-MH-200- 2190	PB
<b>PB-CH-350-3111</b>	Bronchial Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-C-MH-350- 3111	PB
<b>PB-CH-350-3211</b>	Tracheal Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-350- 3190	PB
<b>PB-CH-350-3411</b>	Alveolar Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-350- 0090	PB
<b>PB-CH-450-0811</b>	Lung (Pulmonary) Fibroblast	0,5x10E6 cells/vial	Fibroblast	PB-MH-400- 9090 or PB- MH-400-9099	PB
<b>PB-CH-450-3111</b>	Bronchial Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400- 9090 or PB- MH-400-9099	PB
<b>PB-CH-450-3211</b>	Tracheal Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400- 9090 or PB- MH-400-9099	PB
<b>PB-CH-450-6411</b>	Lung Cancer Cells (PDX)	0,5x10E6 Cells/vial	Epithelial Cells	on request	PB
<b>10HU-076</b>	Human Pulmonary Microvascular Endothelial Cells (HPMEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-093</b>	Human Bronchial Epithelial Cells (HBEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>10HU-115</b>	Human Small Airway Epithelial Cells (HSAEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>10HU-123</b>	Human Bronchial Fibroblasts (HBF)	0.5 million cells/vial	Fibroblast	MD-0011	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>10HU-145</b>	Human Pulmonary Fibroblasts (HPF)	0.5 million cells/vial	Fibroblast	MD-0011	IX
<b>10HU-146</b>	Human Pulmonary Fibroblasts-adult (HPF-a)	0.5 million cells/vial	Fibroblast	MD-0011	IX
<b>10HU-194</b>	Human Bronchial Smooth Muscle Cells (HBSMC)	0.5 million cells/vial	Smooth Muscle Cells	MD-0034	IX
<b>ACBRI 468</b>	Primary Human Lung Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>ACBRI 469</b>	Primary Human Lung Fibroblast Cells	1x10E6 cells/vial	Fibroblast	4Z0-500	CS
<b>PB-H-6053Cas9</b>	Cas9-Expressing Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6033B.Cas9</b>	Cas9-Expressing Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B.Cas9</b>	Cas9-Expressing Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B.Cas9</b>	Cas9-Expressing Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013Cas9</b>	Cas9-Expressing Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6011Cas9</b>	Cas9-Expressing Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033Cas9</b>	Cas9-Expressing Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217Cas9</b>	Cas9-Expressing Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082Cas9</b>	Cas9-Expressing Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6053Cre</b>	Cre-Expressing Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6033B.Cre</b>	Cre-Expressing Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B.Cre</b>	Cre-Expressing Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B.Cre</b>	Cre-Expressing Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013Cre</b>	Cre-Expressing Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6011Cre</b>	Cre-Expressing Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033Cre</b>	Cre-Expressing Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217Cre</b>	Cre-Expressing Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082Cre</b>	Cre-Expressing Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6053GFP</b>	GFP-Expressing Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6033B.GFP</b>	GFP-Expressing Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B.GFP</b>	GFP-Expressing Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B.GFP</b>	GFP-Expressing Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013GFP</b>	GFP-Expressing Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6011GFP</b>	GFP-Expressing Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033GFP</b>	GFP-Expressing Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6217GFP</b>	GFP-Expressing Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082GFP</b>	GFP-Expressing Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6053</b>	Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6033B</b>	Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B</b>	Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B</b>	Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013</b>	Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6011</b>	Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033</b>	Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217</b>	Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082</b>	Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6053IM.GFP</b>	Immortalized GFP-Expressing Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6033B.IM.GFP</b>	Immortalized GFP-Expressing Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B.IM.GFP</b>	Immortalized GFP-Expressing Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B.IM.GFP</b>	Immortalized GFP-Expressing Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013IM.GFP</b>	Immortalized GFP-Expressing Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6011IM.GFP</b>	Immortalized GFP-Expressing Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033IM.GFP</b>	Immortalized GFP-Expressing Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217IM.GFP</b>	Immortalized GFP-Expressing Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082IM.GFP</b>	Immortalized GFP-Expressing Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6053IM</b>	Immortalized Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6033B.IM</b>	Immortalized Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B.IM</b>	Immortalized Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B.IM</b>	Immortalized Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013IM</b>	Immortalized Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6011IM</b>	Immortalized Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033IM</b>	Immortalized Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217IM</b>	Immortalized Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082IM</b>	Immortalized Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6053Luc</b>	Luciferase-Expressing Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6033B.Luc</b>	Luciferase-Expressing Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B.Luc</b>	Luciferase-Expressing Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B.Luc</b>	Luciferase-Expressing Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013Luc</b>	Luciferase-Expressing Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6011Luc</b>	Luciferase-Expressing Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033Luc</b>	Luciferase-Expressing Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217Luc</b>	Luciferase-Expressing Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082Luc</b>	Luciferase-Expressing Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6053RFP</b>	RFP-Expressing Human Primary Alveolar Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6033B.RFP</b>	RFP-Expressing Human Primary Bronchial Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6217B.RFP</b>	RFP-Expressing Human Primary Bronchial Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082B.RFP</b>	RFP-Expressing Human Primary Bronchial Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6013RFP</b>	RFP-Expressing Human Primary Lung Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6011RFP</b>	RFP-Expressing Human Primary Lung Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6033RFP</b>	RFP-Expressing Human Primary Tracheal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6217RFP</b>	RFP-Expressing Human Primary Tracheal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6082RFP</b>	RFP-Expressing Human Primary Tracheal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-502-05a</b>	Bronchial Epithelial Cells (HBEpC); adult	0,5x10E6 cells/vial	Epithelial Cells	PB-511K-500	CA
<b>PB-502T2D-05a</b>	Cryopreserved Bronchial Epithelial Cells, Type 2 Diabetes (HBEpC-T2D), adult	0,5x10E6 cells/vial	Epithelial Cells	PB-511K-500	CA
<b>PB-S540-05a</b>	Cryopreserved HLMVEC, Pre-Screened, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-540AS-05a</b>	Cryopreserved HLMVEC-AS, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-504AS-05a</b>	Cryopreserved HTEpC-AS, Adult	0,5x10E6 cells/vial	Epithelial Cells	PB-511K-500	CA
<b>PB-502AS-05a</b>	Cryopreserved Human Bronchial Epithelial Cells (HBEpC-AS), Adult	0,5x10E6 cells/vial	Epithelial Cells	PB-511K-500	CA
<b>PB-502COPD-05a</b>	Cryopreserved Human Bronchial Epithelial Cells (HBEpC-COPD,) Adult	0,5x10E6 cells/vial	Epithelial Cells	PB-511K-500	CA
<b>PB-540T2D-05a</b>	Cryopreserved Lung Microvascular Endothelial Cells, Asthma (HLMVEC-AS), Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-532AS-05a</b>	Cryopreserved Small Airway Epithelial Cell (HSAEpC) with Asthma, Adult	0,5x10E6 cells/vial	Epithelial Cells	PB-512K-500	CA
<b>PB-532T2D-05a</b>	Cryopreserved Small Airway Epithelial Cell (HSAEpC) with Type 2 Diabetes, Adult	0,5x10E6 cells/vial	Epithelial Cells	PB-512K-500	CA
<b>PB-532-05a</b>	Cryopreserved Small Airway Epithelial Cell (HSAEpC), Adult	0,5x10E6 cells/vial	Epithelial Cells	PB-512K-500	CA
<b>PB-506-05a</b>	Lung Fibroblasts (HLF); adult	0,5x10E6 cells/vial	Fibroblast	PB-516K-500	CA
<b>PB-506-05f</b>	Lung Fibroblasts (HLF); fetal	0,5x10E6 cells/vial	Fibroblast	PB-516K-500	CA
<b>PB-540-05a</b>	Lung Microvascular Endothelial Cells (HLMVEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-504-05a</b>	Tracheal Epithelial Cells (HTEpC); adult	0,5x10E6 cells/vial	Epithelial Cells	PB-511K-500	CA

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0032</b>	Human Pulmonary Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0032GFP</b>	GFP Expressing Human Pulmonary Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0032GFP-PM</b>	Plasma Membrane GFP Tagged Human Pulmonary Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0033Ad</b>	Human Lung Fibroblasts-Adults	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0033GFP</b>	GFP Expressing Human Lung Fibroblasts-Adults (GFP-HLFCs-ad)	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0033RFP</b>	RFP Expressing Human Lung Fibroblasts-Adults (RFP-HLFCs-ad)	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0039</b>	Human Pulmonary Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0095GFP</b>	GFP-Human Lung Adenosquamous Carcinoma Cells (H596)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0096GFP</b>	GFP-Human Lung Anaplastic Carcinoma Cells (Calu-6)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0097GFP</b>	GFP-Human Lung [NSCLC] Carcinoma Cells (A549)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0097RFP</b>	RFP-Human Lung [NSCLC] Carcinoma Cells (A549)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0098GFP</b>	GFP-Human Lung [NSCLC] Adenocarcinoma Cells (H1975)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0098RFP</b>	RFP-Human Lung [NSCLC] Adenocarcinoma Cells (H1975)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0099GFP</b>	GFP-Human Lung [NSCLC] Adenocarcinoma Cells (H23)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0099RFP</b>	RFP-Human Lung [NSCLC] Adenocarcinoma Cells (H23)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0100GFP</b>	GFP-Human Lung [NSCLC] Adenocarcinoma Cells (H292)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0102GFP</b>	GFP-Human Lung [NSCLC] Adenocarcinoma Cells (H460)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0103GFP</b>	GFP-Human Lung [SCLC] Adenocarcinoma Cells (H69)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0103RFP</b>	RFP-Human Lung [SCLC] Adenocarcinoma Cells (H69)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0104GFP</b>	GFP-Human Lung [SCLC] Adenocarcinoma Cells (H82)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0105GFP</b>	GFP-Human Lung [SCLC] Adenocarcinoma Cells (SHP-77)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0106GFP</b>	GFP-Human Lung [Squamous] Carcinoma Cells (SK-MES-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0119</b>	Human Lung Tissue-Derived Mesenchymal Stem Cells (HLu-MSCs)	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0119RFP</b>	RFP-Human Lung Tissue-Derived Mesenchymal Stem Cells (RFP-HLu-MSCs)	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0121</b>	Human Lung Airway Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0121ACE2-GFP</b>	ACE2-GFP Expressing Human Lung Airway Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0121AEQGFP-cyto</b>	Human Lung Airway Smooth Muscle Cells Expressing GFP-AEQ in Cytoplasm	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0121AEQGFP-Mito</b>	Human Lung Airway Smooth Muscle Cells Expressing GFP-AEQ in Mitochondria	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0121GFP</b>	GFP-Human Lung Airway Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0121RFP</b>	RFP-Human Lung Airway Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0122</b>	Human Pulmonary Small Airway Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0122ACE2-GFP</b>	ACE2-GFP Expressing Human Pulmonary Small Airway Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0123</b>	Human Pulmonary Lobar Bronchial Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0123ACE2-GFP</b>	ACE2-GFP Expressing Human Pulmonary Lobar Bronchial Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0124</b>	Human Pulmonary Bronchial/Tracheal Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0124ACE2-GFP</b>	ACE2-GFP Expressing Human Pulmonary Bronchial/Tracheal Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0204</b>	Human Lung Cancer Organoid	3,0x10E6 cells/vial	Cancer Cells	on request	AP
<b>PB-cAP-0208</b>	Human Alveolar Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0208RFP</b>	RFP Expressing Human Alveolar Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0208TMPRSS2-GFP</b>	TMPRSS2-GFP Expressing Human Alveolar Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	on request	AP
<b>PB-cAP-0208ACE2-GFP</b>	ACE2-GFP Expressing Human Alveolar Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	AP	

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### iPS derived alveolar cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-i536-05</b>	Cryopreserved AEC2/i-HAEPc2	0,5x10E6 cells/vial	iPS derived Alveolar Epithelial Cells	PB-519K-100	CA

## Skin & Hair cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-120-4011</b>	Dermal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-120-5811</b>	Dermal Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-320-1111-ad</b>	Melanocytes, adult, single donor	0,5x10E6 cells/vial	Melanocytes	PB-MH-300-1199	PB
<b>PB-CH-320-1111-ad-1</b>	Melanocytes, adult, single donor	1x10E6 cells/vial	Melanocytes	PB-MH-300-1199	PB
<b>PB-CH-320-1111-neo</b>	Melanocytes, neonatal, single donor	0,5x10E6 cells/vial	Melanocytes	PB-MH-300-1199	PB
<b>PB-CH-320-1111-neo-1</b>	Melanocytes, neonatal, single donor	1x10E6 cells/vial	Melanocytes	PB-MH-300-1199	PB
<b>PB-CH-323-1011</b>	Epidermal Keratinocytes, adult, single donor	0,5x10E6 cells/vial	Keratinocytes	PB-C-MH-300-1099 or PB-MH-300-1099	PB
<b>PB-CH-323-1011-1</b>	Epidermal Keratinocytes, adult, single donor	1x10E6 cells/vial	Keratinocytes	PB-C-MH-300-1099 or PB-MH-300-1099	PB
<b>PB-CH-324-1011</b>	Epidermal Keratinocytes, neonatal, single donor	0,5x10E6 cells/vial	Keratinocytes	PB-C-MH-300-1099 or PB-MH-300-1099	PB
<b>PB-CH-324-1011-1</b>	Epidermal Keratinocytes, neonatal, single donor	1x10E6 cells/vial	Keratinocytes	PB-C-MH-300-1099 or PB-MH-300-1099	PB
<b>PB-CH-324-1013</b>	Epidermal Keratinocytes, neonatal, pooled	0,5x10E6 cells/vial	Keratinocytes	PB-C-MH-300-1099 or PB-MH-300-1099	PB
<b>PB-CH-422-0711</b>	Dermal Fibroblast, single donor, neo	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-CH-422-0711-1</b>	Dermal Fibroblast, single donor, neo	1x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-CH-422-0713</b>	Dermal Fibroblast, pooled, neo	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-CH-423-7211</b>	Dermal Fibroblast, single donor, adult	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-CH-423-7211-1</b>	Dermal Fibroblast, single donor, adult	1x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-CH-442-3511</b>	Preadipocytes	1x10E6 cells/vial	Preadipocytes	on request	PB
<b>10HU-013-0.5M</b>	Human Dermal Fibroblasts-neonatal (HDF-n)	0.5 million cells/vial	Fibroblast	MD-0011	IX
<b>10HU-013-1M</b>	Human Dermal Fibroblasts-neonatal (HDF-n)	1 million cells/vial	Fibroblast	MD-0011	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>10HU-014-0.5M</b>	Human Dermal Fibroblasts-adult (HDF-a)	0.5 million cells/vial	Fibroblast	MD-0011	IX
<b>10HU-014-1M</b>	Human Dermal Fibroblasts-adult (HDF-a)	1 million cells/vial	Fibroblast	MD-0011	IX
<b>10HU-019</b>	Human Dermal Microvascular Endothelial Cells (HDMVEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-022</b>	Human Epidermal Keratinocyte-neonatal (HEK-n)	0.5 million cells/vial	Keratinocytes	MD-0047	IX
<b>10HU-164</b>	Human Epidermal Melanocytes-light (HEM-l)	0.5 million cells/vial	Melanocytes	MD-0049	IX
<b>10HU-166</b>	Human Epidermal Melanocytes-dark (HEM-d)	0.5 million cells/vial	Melanocytes	MD-0049	IX
<b>10HU-219</b>	Human Dermal Fibroblasts-Type 1 Diabetes (HDF-T1D)	0.5 million cells/vial	Fibroblast	MD-0011	IX
<b>10HU-225</b>	Human Epidermal Keratinocyte-adult (HEK-a)	0.5 million cells/vial	Keratinocytes	MD-0047	IX
<b>ACBRI 539</b>	Primary Human Dermal Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>ACBRI 2KO</b>	Primary Human Keratinocytes	1x10E6 cells/vial	Keratinocytes	PB-C-MH-300-1099 or PB-MH-300-1099	CS
<b>CSC 2F0</b>	Primary Human Dermal Fibroblast Cells (Pooled)	1x10E6 cells/vial	Fibroblast	4Z0-500	CS
<b>CSC 2HM1</b>	Primary Human Melanocyte Cells (Pooled)	1x10E6 cells/vial	Melanocytes	4Z0-500	CS
<b>CSC 2M1</b>	Primary Human Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>PB-H-6066Cas9</b>	Cas9-Expressing Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068Cas9</b>	Cas9-Expressing Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6064L.Cas9</b>	Cas9-Expressing Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6064Cas9</b>	Cas9-Expressing Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6066Cre</b>	Cre-Expressing Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068Cre</b>	Cre-Expressing Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6064L.Cre</b>	Cre-Expressing Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6064Cre</b>	Cre-Expressing Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6066GFP</b>	GFP-Expressing Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068GFP</b>	GFP-Expressing Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6064L.GFP</b>	GFP-Expressing Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6064GFP</b>	GFP-Expressing Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6066</b>	Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068</b>	Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6064L</b>	Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6064</b>	Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6066IM.GFP</b>	Immortalized GFP-Expressing Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068IM.GFP</b>	Immortalized GFP-Expressing Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6064L.IM.GFP</b>	Immortalized GFP-Expressing Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6064IM.GFP</b>	Immortalized GFP-Expressing Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6066IM</b>	Immortalized Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068IM</b>	Immortalized Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6064L.IM</b>	Immortalized Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6064IM</b>	Immortalized Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6066Luc</b>	Luciferase-Expressing Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068Luc</b>	Luciferase-Expressing Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6064L.Luc</b>	Luciferase-Expressing Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6064Luc</b>	Luciferase-Expressing Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6066RFP</b>	RFP-Expressing Human Primary Dermal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6068RFP</b>	RFP-Expressing Human Primary Dermal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6064L.RFP</b>	RFP-Expressing Human Primary Dermal Lymphatic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6064RFP</b>	RFP-Expressing Human Primary Dermal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-602t-05a</b>	Cryopreserved HFDPC, Top of Scalp, adult	0,5x10E6 cells/vial	Hair Follicle Dermal Papilla Cells	PB-611K-500	CA
<b>PB-802sT2D-05a</b>	Cryopreserved HPAAd-s-T2D, adult, subcutaneous	0,5x10E6 cells/vial	Preadipocytes	PB-811K-500	CA
<b>PB-106-05a</b>	Dermal Fibroblasts (HDF); adult	0,5x10E6 cells/vial	Fibroblast	PB-116K-500	CA
<b>PB-106-05f</b>	Dermal Fibroblasts (HDF); fetal	0,5x10E6 cells/vial	Fibroblast	PB-116K-500	CA
<b>PB-106-05n</b>	Dermal Fibroblasts (HDF); neonatal	0,5x10E6 cells/vial	Fibroblast	PB-116K-500	CA
<b>PB-100L-05a</b>	Dermal Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-100-05a</b>	Dermal Microvascular Endothelial Cells (CADMECä); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-100-05n</b>	Dermal Microvascular Endothelial Cells (CADMECä); neonatal	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-102-05a</b>	Epidermal Keratinocytes (HEK); adult	0,5x10E6 cells/vial	Keratinocytes	PB-141K-500a	CA
<b>PB-102-05f</b>	Epidermal Keratinocytes (HEK); fetal	0,5x10E6 cells/vial	Keratinocytes	PB-141K-500	CA
<b>PB-102-05n</b>	Epidermal Keratinocytes (HEK); neonatal	0,5x10E6 cells/vial	Keratinocytes	PB-141K-500	CA
<b>PB-104-05a</b>	Epidermal Melanocytes (HEM); adult	0,5x10E6 cells/vial	Melanocytes	PB-135K-500	CA
<b>PB-104-05n</b>	Epidermal Melanocytes (HEM); neonatal	0,5x10E6 cells/vial	Melanocytes	PB-135K-500	CA
<b>PB-602-05a</b>	Hair Follicle Dermal Papilla Cells (HFDPC); adult	0,5x10E6 cells/vial	Hair Follicle Dermal Papilla Cells	PB-611K-500	CA
<b>PB-802s-05a</b>	Preadipocytes (HPAd); subcutaneous; adult	0,5x10E6 cells/vial	Preadipocytes	PB-811K-500	CA
<b>PB-S100-05a</b>	Pre-Screened Dermal Microvascular Endothelial Cells (CADMECa); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-S100-05n</b>	Pre-Screened Dermal Microvascular Endothelial Cells (CADMECä); neonatal	0,5x10E6 cells/vial	Endothelial Cells	PB-111K-500	CA
<b>PB-S802s-05a</b>	Pre-Screened Preadipocytes, subcutaneous; adult	0,5x10E6 cells/vial	Preadipocytes	PB-811K-500	CA

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0003</b>	Human Dermal Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0003GFP</b>	GFP Expressing Human Dermal Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0003RFP</b>	RFP Expressing Human Dermal Lymphatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0005</b>	Human Dermal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0005GFP</b>	GFP Expressing Human Dermal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0005GFP-PM</b>	Plasma Membrane GFP Tagged Human Dermal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0005-SV40</b>	SV40 Immortalized Human Dermal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0008-ad</b>	Human Dermal Fibroblasts (Adult)	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-adGFP</b>	GFP Expressing Human Dermal Fibroblasts-Adult	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-adRFP</b>	RFP Expressing Human Dermal Fibroblasts-Adult	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-adRFP</b>	RFP Expressing Human Dermal Fibroblasts-Adult	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-neo</b>	Human Dermal Fibroblasts (Neonatal)	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-neo</b>	Human Dermal Fibroblasts (Neonatal)	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-neoGFP</b>	GFP Expressing Human Dermal Fibroblasts-neonatal	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-neoGFP</b>	GFP Expressing Human Dermal Fibroblasts-neonatal	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0008-neoGFP-Luc</b>	GFP and Luciferase Expressing Human Neonatal Dermal Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-neoRFP</b>	RFP Expressing Human Dermal Fibroblasts-neonatal	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0008-neoRFP</b>	RFP Expressing Human Dermal Fibroblasts-neonatal	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0047</b>	Human Epidermal Melanocytes, adult	0,5x10E6 cells/vial	Melanocytes	PB-cAP-01B	AP
<b>PB-cAP-0065</b>	Human A375 Skin Melanoma Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0065GFP</b>	GFP-Expressing Human A375 Skin Melanoma Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0066</b>	Human A431 Epidermoid Carcinoma Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0066GFP</b>	GFP-Expressing Human A431 Epidermoid Carcinoma Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0072</b>	Human HMEC-1	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0083GFP</b>	GFP-Human Plasmacytoma Cells (U266B1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0083RFP</b>	RFP-Human Plasmacytoma Cells (U266B1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0084GFP</b>	GFP-Human Melanoma Cells (SK-MEL-28)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0084RFP</b>	RFP-Human Melanoma Cells (SK-MEL-28)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0110GFP</b>	GFP-Human Melanoma Cells (SK-MEL-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0116</b>	Human Primary Epidermal Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0117</b>	Human Primary Epidermal Melanocytes, neonatal	0,5x10E6 cells/vial	Melanocytes	PB-cAP-01B	AP
<b>PB-cAP-0212</b>	Human Dermal Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0212-hTert</b>	hTert-Human Dermal Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0212-hTert-CDK4</b>	hTert-CDK4-Human Dermal Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0212-SV40</b>	SV40-Human Dermal Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0213</b>	Human Choroid Plexus Epithelial Cells.	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-64	AP

### iPS derived skin cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-TB-131</b>	Tempo-iKer™: Human iPSC- derived Keratinocytes	1,0x10E6 cells/vial	iPS derived Keratinocytes	on request	TB
<b>PB-TB-130</b>	Tempo-iMel™: Human iPSC- derived Melanocytes	1,0x10E6 cells/vial	iPS derived Melanocytes	on request	TB

### Adipose tissue cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-042-0011</b>	Adipose Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-MH-031-4000-rtu	PB
<b>PB-CH-142-0011</b>	Adipose Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-642-0511-1</b>	Mesenchymal Stem Cells, adipose tissue derived	1x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-MH-675-0511 PB-C-MH-675-0511-ad PB-C-MH-675-0511-XF	PB
<b>10HU-001-0.5M</b>	Human Adipose Derived Stem Cells (hADSC, Normal)	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0003 MD-0005 MD-0006	IX
<b>10HU-001-1M</b>	Human Adipose Derived Stem Cells (hADSC, Normal)	1 million cells/vial	Mesenchymal Stem Cells	MD-0003 MD-0005 MD-0006	IX
<b>10HU-007</b>	Human Adipose Derived Stem Cells (ADSCs, Type 2 Diabetes)	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0003 MD-0005 MD-0006	IX
<b>10HU-025</b>	Human stromal vascular fraction (hSVF, from normal adipose tissue)	1.0 million cells/vial	Stromal Vascular Fraction	MD-0002 MD-0003	IX
<b>10HU-222</b>	Human Adipose Derived Stem Cells (ADSCs, Type 1 Diabetes)	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0003 MD-0005 MD-0006	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>10HU-231</b>	Human stromal vascular fraction (hSVF, from obesity adipose tissue)	0.5 million cells/vial	Stromal Vascular Fraction	MD-0002 MD-0003	IX
<b>10HU-232</b>	Human Adipose Derived Stem Cells (ADSCs, Obesity)	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0003 MD-0005 MD-0006	IX
<b>PB-492Ad-05a</b>	Cryopreserved Mesenchymal Stem Cells, Adipose-derived (HMSC-Ad), adult	0,5x10E6 cells/vial	Mesenchymal Stem Cells	PB-419K-500	CA
<b>PB-cAP-0042</b>	Human Adipose Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0043</b>	Human Adipose Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0051</b>	Human Adipose Tissue-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0051RFP</b>	RFP Expressing Human Adipose Tissue-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0061</b>	Conditionally Immortalized Human Adipose Tissue-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP

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### Bladder cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-155-4011</b>	Bladder Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-355-0011</b>	Bladder Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-355-0090 or PB-MH-355-0090-SF	PB
<b>10HU-092</b>	Human Bladder Epithelial Cells (HBIEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>PB-H-6214Cas9</b>	Cas9-Expressing Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6205Cas9</b>	Cas9-Expressing Human Primary	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
	Bladder Smooth Muscle Cells				
<b>PB-H-6214Cre</b>	Cre-Expressing Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6205Cre</b>	Cre-Expressing Human Primary Bladder Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6214GFP</b>	GFP-Expressing Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6205GFP</b>	GFP-Expressing Human Primary Bladder Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6214</b>	Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6205</b>	Human Primary Bladder Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6214IM.GFP</b>	Immortalized GFP-Expressing Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6205IM.GFP</b>	Immortalized GFP-Expressing Human Primary Bladder Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6214IM</b>	Immortalized Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6205IM</b>	Immortalized Human Primary Bladder Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6214Luc</b>	Luciferase-Expressing Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6205Luc</b>	Luciferase-Expressing Human Primary Bladder Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6214RFP</b>	RFP-Expressing Human Primary Bladder Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6205RFP</b>	RFP-Expressing Human Primary Bladder Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-938-05a</b>	Bladder Epithelial Cells (HBIEpC), adult	0,5x10E6 cells/vial	Epithelial Cells	PB-217K-500	CA
<b>PB-cAP-0022</b>	Human Bladder Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0069GFP</b>	GFP-Human Bladder Transitional Carcinoma Cells (SW780)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0126GFP</b>	GFP-Human Bladder Carcinoma Cells (UM-UC3)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0130GFP</b>	GFP-Human Bladder Carcinoma Cells (TCCSUP)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

### Bone Marrow cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-675-0511-44-1</b>	Mesenchymal Stem Cells, bone marrow derived	1x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-MH-675-0511 PB-C-MH-675-0511-ad PB-C-MH-675-0511-XF	PB
<b>10HU-217</b>	Human Mesenchymal Stem Cells-Bone Marrow (HMSC-bm)	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0037 MD-0005 MD-0006	IX
<b>PB-BM-MSC-GMP</b>	GMP Bone Marrow Mesenchymal Stem Cells	100X10E6 cells/vial	Mesenchymal Stem Cells	on request	CCL
<b>PB-BM-MSC-RG</b>	one Marrow Mesenchymal Stem Cells	1X10E6 cells/vial	Mesenchymal Stem Cells	PB-C-MH-675-0511-XF	CCL
<b>PB-490BM-05a</b>	Cryopreserved CD34+ HHSC-BM, Adult	0,5x10E6 cells/vial	Hematopoietic Stem Cells	PB-621-50	CA
<b>PB-492-05a</b>	Marrow Stromal Cells (HMSC); adult	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-419K-500	CA
<b>PB-492-05f</b>	Marrow Stromal Cells (HMSC); fetal	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-419K-500	CA
<b>PB-490BM-01a</b>	Cryopreserved CD34+ HHSC-BM, Adult	1X10E5 cells/vial	Hematopoietic Stem Cells	PB-621-50	CA
<b>PB-490BM-03a</b>	Cryopreserved CD34+ HHSC-BM, Adult	3X10E5 cells/vial	Hematopoietic Stem Cells	PB-621-50	CA
<b>PB-690BM-50a</b>	Cryopreserved Mononuclear Cells	5x10E6 cells/vial	Mono Nuclear Cells/MNC	PB-615K-250	CA

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
	From Bone Marrow (HMNC-BM), Adult				
<b>PB-cAP-0050</b>	Human Bone Marrow-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0050GFP</b>	GFP-Tagged Human Bone Marrow-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0050RFP</b>	RFP-Tagged Human Bone Marrow-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0060</b>	Conditionally Immortalized Human Bone Marrow-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0210GFP</b>	GFP-Human Bone Marrow-Derived Endothelial Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

## Breast cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-159-2011</b>	Internal Mammary Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-359-0011</b>	Mammary Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-359-0090	PB
<b>PB-CH-359-3811</b>	Breast Cancer Cells (Tumor)	0,5x10E6 Cells/vial	Epithelial Cells	on request	PB
<b>PB-CH-359-3911</b>	Breast Cancer Cells (PDX)	0,5x10E6 Cells/vial	Epithelial Cells	on request	PB
<b>PB-CH-459-0011</b>	Mammary Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-CH-459-6411</b>	Breast Cancer associated Fibroblast	0,5x10E6 Cells/vial	Fibroblast	on request	PB
<b>10HU-104</b>	Human Mammary Epithelial Cells (HMEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>PB-H-6035Cas9</b>	Cas9-Expressing Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6071Cas9</b>	Cas9-Expressing Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6020Cas9</b>	Cas9-Expressing Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6035Cre</b>	Cre-Expressing Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6071Cre</b>	Cre-Expressing Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6020Cre</b>	Cre-Expressing Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6035GFP</b>	GFP-Expressing Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6071GFP</b>	GFP-Expressing Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6020GFP</b>	GFP-Expressing Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6035</b>	Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6071</b>	Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6020</b>	Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6035IM.GFP</b>	Immortalized GFP-Expressing Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6071IM.GFP</b>	Immortalized GFP-Expressing Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6020IM.GFP</b>	Immortalized GFP-Expressing Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6035IM</b>	Immortalized Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6071IM</b>	Immortalized Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6020IM</b>	Immortalized Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6035Luc</b>	Luciferase-Expressing Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6071Luc</b>	Luciferase-Expressing Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6020Luc</b>	Luciferase-Expressing Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6035RFP</b>	RFP-Expressing Human Primary Mammary Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6071RFP</b>	RFP-Expressing Human Primary Mammary Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6020RFP</b>	RFP-Expressing Human Primary Mammary Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-830-05a</b>	Human Mammary Epithelial Cell; adult	0,5x10E6 cells/vial	Epithelial Cells	PB-815K-500	CA
<b>PB-cAP-0018</b>	Human Internal Mammary Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0018GFP</b>	GFP Expressing Human Internal Mammary Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0034</b>	Human MDA-MB-231 Breast Cancer Cells	0,5x10E6 cells/vial	Epithelial Cells	DMEM + 10% FBS	AP
<b>PB-cAP-0034GFP</b>	GFP Expressing Human MDA-MB-231 Breast Cancer Cells	0,5x10E6 cells/vial	Cell Lines	DMEM + 10% FBS	AP
<b>PB-cAP-0034RFP</b>	RFP Expressing Human MDA-MB-231 Breast Cancer Cells	0,5x10E6 cells/vial	Epithelial Cells	DMEM + 10% FBS	AP
<b>PB-cAP-0049</b>	Human MDA-MB-435	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0049GFP</b>	GFP Expressing Human MDA-MB-435	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0107GFP</b>	GFP-Human Primary Ductal Carcinoma Cells (HCC70)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0108GFP</b>	GFP-Human Primary Mammary Adenocarcinoma Cells (MCF-7)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0108RFP</b>	RFP-Human Primary Mammary Adenocarcinoma Cells (MCF-7)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0109GFP</b>	GFP-Human Primary Mammary Ductal Carcinoma Cells (ZR-75-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0109RFP</b>	RFP-Human Primary Mammary Ductal Carcinoma Cells (ZR-75-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0114</b>	Human Immortalized Mammary Epithelial Cells (MCF-12A)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0114GFP</b>	GFP-Human Immortalized Mammary Epithelial Cells (MCF-12A)	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-01B + PB-cAP-26	AP
<b>PB-cAP-0114RFP</b>	RFP-Human Immortalized Mammary Epithelial Cells (MCF-12A)	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-01B + PB-cAP-26	AP
<b>PB-cAP-0142</b>	Human Breast Ductal Carcinoma Cells (BT549)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0142GFP</b>	GFP-Human Breast Ductal Carcinoma Cells (BT549)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0143</b>	Human Breast Ductal Carcinoma Cells (HCC1806)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0143GFP</b>	GFP-Human Breast Ductal Carcinoma Cells (HCC1806)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

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### Colon cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-345-0011</b>	Colon Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-300-0090	PB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-445-0011</b>	Colon Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>10HU-096</b>	Human Colonic Epithelial Cells (HCoEpC)	0,5x10E6 cells/vial	Epithelial Cells	MD-0041	IX
<b>PB-H-6047Cas9</b>	Cas9-Expressing Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231Cas9</b>	Cas9-Expressing Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6203Cas9</b>	Cas9-Expressing Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001Cas9</b>	Cas9-Expressing Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6047Cre</b>	Cre-Expressing Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231Cre</b>	Cre-Expressing Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6203Cre</b>	Cre-Expressing Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001Cre</b>	Cre-Expressing Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6047GFP</b>	GFP-Expressing Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231GFP</b>	GFP-Expressing Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6203GFP</b>	GFP-Expressing Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001GFP</b>	GFP-Expressing Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6047</b>	Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231</b>	Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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<b>PB-H-6203</b>	Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001</b>	Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6047IM.GFP</b>	Immortalized GFP-Expressing Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231IM.GFP</b>	Immortalized GFP-Expressing Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6203IM.GFP</b>	Immortalized GFP-Expressing Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001IM.GFP</b>	Immortalized GFP-Expressing Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6047IM</b>	Immortalized Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231IM</b>	Immortalized Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6203IM</b>	Immortalized Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001IM</b>	Immortalized Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6047Luc</b>	Luciferase-Expressing Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231Luc</b>	Luciferase-Expressing Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6203Luc</b>	Luciferase-Expressing Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001Luc</b>	Luciferase-Expressing Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6047RFP</b>	RFP-Expressing Human Primary Colonic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6231RFP</b>	RFP-Expressing Human Primary Colonic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6203RFP</b>	RFP-Expressing Human Primary Colonic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6001RFP</b>	RFP-Expressing Human Primary Colonic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-710Cn-05a</b>	Cryopreserved Human Colonic Fibroblasts (HCnF), adult	0,5x10E6 cells/vial	Fibroblast	on request	CA
<b>PB-cAP-0045</b>	Human Colorectal Adenocarcinoma (LS 174T)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0045GFP</b>	GFP-Expressing Human Colorectal Adenocarcinoma (LS 174T)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0074GFP</b>	GFP-Human Colorectal Adenocarcinoma Cells (SW480)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0074RFP</b>	RFP-Human Colorectal Adenocarcinoma Cells (SW480)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0088GFP</b>	GFP-Human Colorectal Adenocarcinoma (Colo 205)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0125CFP</b>	CFP-Human Colon Carcnoia Cells (HCT116)	0,5x10E6 cells/vial	HCT116	PB-cAP-01B	AP
<b>PB-cAP-0205</b>	Human Colon Cancer Organoid	3,0x10E6 cells/vial	Cancer Cells	on request	AP

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### Esophagus cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-344-0011</b>	Esophagus Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-300-0090	PB
<b>PB-CH-444-0011</b>	Esophagus Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6046Cas9</b>	Cas9-Expressing Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272Cas9</b>	Cas9-Expressing Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089Cas9</b>	Cas9-Expressing Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6046Cre</b>	Cre-Expressing Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272Cre</b>	Cre-Expressing Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089Cre</b>	Cre-Expressing Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6046GFP</b>	GFP-Expressing Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272GFP</b>	GFP-Expressing Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089GFP</b>	GFP-Expressing Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6046</b>	Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272</b>	Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089</b>	Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6046IM.GFP</b>	Immortalized GFP-Expressing Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272IM.GFP</b>	Immortalized GFP-Expressing Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089IM.GFP</b>	Immortalized GFP-Expressing Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6046IM</b>	Immortalized Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272IM</b>	Immortalized Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089IM</b>	Immortalized Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6046Luc</b>	Luciferase-Expressing Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272Luc</b>	Luciferase-Expressing Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089Luc</b>	Luciferase-Expressing Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6046RFP</b>	RFP-Expressing Human Primary Esophageal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6272RFP</b>	RFP-Expressing Human Primary Esophageal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6089RFP</b>	RFP-Expressing Human Primary Esophageal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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### Eye cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-061-2211</b>	Retinal Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-MH-031-4000-rtu	PB
<b>PB-CH-160-8511</b>	Retinal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-360-8511</b>	Retinal Pigment Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-3608590	PB
<b>PB-CH-360-8611</b>	Corneal Epithelium Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-360-8699	PB
<b>ACBRI 181</b>	Primary Human Retinal Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>ACBRI 183</b>	Primary Human Retinal Pericyte Cells	1x10E6 cells/vial	Pericytes	4Z0-500	CS
<b>PB-H-6048Cas9</b>	Cas9-Expressing Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6204Cas9</b>	Cas9-Expressing Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065Cas9</b>	Cas9-Expressing Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6048Cre</b>	Cre-Expressing Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6204Cre</b>	Cre-Expressing Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065Cre</b>	Cre-Expressing Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6048GFP</b>	GFP-Expressing Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6204GFP</b>	GFP-Expressing Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065GFP</b>	GFP-Expressing Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6048</b>	Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6204</b>	Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065</b>	Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6048IM.GFP</b>	Immortalized GFP-Expressing Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6204IM.GFP</b>	Immortalized GFP-Expressing Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065IM.GFP</b>	Immortalized GFP-Expressing Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6048IM</b>	Immortalized Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6204IM</b>	Immortalized Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065IM</b>	Immortalized Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6048Luc</b>	Luciferase-Expressing Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6204Luc</b>	Luciferase-Expressing Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065Luc</b>	Luciferase-Expressing Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6048RFP</b>	RFP-Expressing Human Primary Corneal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6204RFP</b>	RFP-Expressing Human Primary Ocular Choroid Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6065RFP</b>	RFP-Expressing Human Primary Retinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-632-05a</b>	Cryopreserved Human Corneal Keratocytes Cells (HCK), Adult	0,5x10E6 cells/vial	Keratocytes	PB-6111K-500	CA
<b>PB-630-05a</b>	Human Corneal Epithelial Cells (HCEpC), adult	0,5x10E6 cells/vial	Epithelial Cells	PB-221K-500	CA
<b>PB-634-05a</b>	Human Trabecular Meshwork Cells (HTMC), Adult	0,5x10E6 cells/vial	Trabecular Meshwork Cells	PB-631K-500	CA
<b>PB-cAP-0010</b>	Human Retinal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0010GFP</b>	GFP Expressing Human Retinal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0010hTert</b>	hTert Immortalized Human Retinal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0010RFP</b>	RFP Expressing Human Retinal Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0025</b>	Human Retinal Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0025GFP</b>	GFP Expressing Human Retinal Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0025GFP-AEQ</b>	Human Retinal Microvascular Pericytes Expressing GFP-AEQ in Mitochondria	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0025hTert</b>	hTert Immortalized Human Retinal Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0025-hTert-GFP</b>	GFP-hTert Immortalized Human Retinal Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0025-hTert-RFP</b>	RFP-hTert Immortalized Human Retinal Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0025RFP</b>	RFP Expressing Human Retinal Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0037</b>	Human Retinal Pigment Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-33	AP
<b>PB-cAP-0063</b>	Conditionally Immortalized Human Retinal Pigment Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-33	AP
<b>PB-cAP-0115</b>	Human Retinal Astrocytes	0,5x10E6 cells/vial	Astrocytes	PB-cAP-29	AP
<b>PB-cAP-0207</b>	Human Corneal Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0207-hTert-GFP</b>	hTert-GFP-Human Corneal Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0209GFP</b>	GFP-Human Choroidal Endothelial Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0211GFP</b>	GFP-Human Corneal Epithelial Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0221</b>	Human Trabecular Meshwork Cells	0,5x10E6 cells/vial	Endothelial-like Cells	on request	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0209</b>	Human Choroidal Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	AP	
<b>PB-cAP-0211</b>	Human Corneal Epithelial Cells	0,5x10E6 cells/vial	Endothelial Cells	AP	

## Intestine cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-148-4811</b>	Small Intestine Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-149-4911</b>	Large Intestine Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-348-0011</b>	Small Intestinal Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-348-0090	PB
<b>10HU-065</b>	Human Intestinal Microvascular Endothelial Cells (HIMEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-136</b>	Human Intestinal Fibroblasts (HIF)	0.5 million cells/vial	Fibroblast	MD-0011	IX
<b>10HU-201</b>	Human Intestinal Smooth Muscle Cells (HISMC)	0.5 million cells/vial	Smooth Muscle Cells	MD-0034	IX
<b>10HU-066</b>	Human Large Intestine Microvascular Endothelial Cells (HLIMEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-082</b>	Human Small Intestine Microvascular Endothelial Cells (HSIMEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-237</b>	Human Small Intestine Epithelial Cells (HSIEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>ACBRI 666</b>	Primary Human Large Intestine Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>PB-H-6055Cas9</b>	Cas9-Expressing Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6055Cre</b>	Cre-Expressing Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6055GFP</b>	GFP-Expressing Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6055</b>	Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6055IM.GFP</b>	Immortalized GFP-Expressing Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6055IM</b>	Immortalized Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6055Luc</b>	Luciferase-Expressing Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6055RFP</b>	RFP-Expressing Human Primary Intestinal Mesenteric Vascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6051Cas9</b>	Cas9-Expressing Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6025Cas9</b>	Cas9-Expressing Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6054Cas9</b>	Cas9-Expressing Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088Cas9</b>	Cas9-Expressing Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6051Cre</b>	Cre-Expressing Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6025Cre</b>	Cre-Expressing Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6054Cre</b>	Cre-Expressing Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088Cre</b>	Cre-Expressing Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6051GFP</b>	GFP-Expressing Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6025GFP</b>	GFP-Expressing Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6054GFP</b>	GFP-Expressing Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088GFP</b>	GFP-Expressing Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6051</b>	Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6025</b>	Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6054</b>	Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088</b>	Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6051IM.GFP</b>	Immortalized GFP-Expressing Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6025IM.GFP</b>	Immortalized GFP-Expressing Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6054IM.GFP</b>	Immortalized GFP-Expressing Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088IM.GFP</b>	Immortalized GFP-Expressing Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6051IM</b>	Immortalized Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6025IM</b>	Immortalized Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6054IM</b>	Immortalized Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088IM</b>	Immortalized Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6051Luc</b>	Luciferase-Expressing Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6025Luc</b>	Luciferase-Expressing Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6054Luc</b>	Luciferase-Expressing Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088Luc</b>	Luciferase-Expressing Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6051RFP</b>	RFP-Expressing Human Primary Small Intestinal Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6025RFP</b>	RFP-Expressing Human Primary Small Intestinal Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6054RFP</b>	RFP-Expressing Human Primary Small Intestinal Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6088RFP</b>	RFP-Expressing Human Primary Small Intestinal Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-cAP-0206</b>	Human Intestine Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0206-hTert</b>	hTert-Human Intestine Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0016</b>	Human Small Intestine Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0017</b>	Human Large Intestine Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP

### Joint cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-170-6111</b>	Synovial Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-479-0011</b>	Tenocytes	0,5x10E6 cells/vial	Tenocytes	PB-MH-479-0090	PB
<b>20ACEGIK</b>	Healthy articular chondrocytes (CH-H)	2 x 0,5x10E6 cells/vial	Chondrocytes	20-24-GM	KET
<b>21ACEGIK</b>	Osteoarthritic articular chondrocytes (CH-OA)	2 x 0,5x10E6 cells/vial	Chondrocytes	21-24-GM	KET
<b>10HU-133</b>	Human Fibroblast-Like Synoviocytes (HFLS)	0.5 million cells/vial	Fibroblast-Like Synoviocytes	MD-0056	IX
<b>ACBRI 479</b>	Primary Human Synovial Stromal Cells	1x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	4Z0-500	CS
<b>ACBRI 488</b>	Primary Human Synovial Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>PB-402-05a</b>	Chondrocytes (HC); adult	0,5x10E6 cells/vial	Chondrocytes	PB-411K-500	CA
<b>PB-402-05f</b>	Chondrocytes (HC); fetal	0,5x10E6 cells/vial	Chondrocytes	PB-411K-500	CA
<b>PB-402OA-05a</b>	Chondrocytes , Osteo Arthritis (HC-OA); adult	0,5x10E6 cells/vial	Chondrocytes	PB-411K-500	CA

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-402RA-05a</b>	Chondrocytes, Rheumatoid Arthritis (HC-RA); adult	0,5x10E6 cells/vial	Chondrocytes	PB-411K-500	CA
<b>PB-408-05a</b>	Fibroblast-Like Synoviocyte Normal Tissue (HFLS); adult	0,5x10E6 cells/vial	Fibroblast-Like Synoviocytes	PB-415K-500	CA
<b>PB-408OA-05a</b>	Fibroblast-Like Synoviocyte Osteo Arthritis (HFLS-OA); adult	0,5x10E6 cells/vial	Fibroblast-Like Synoviocytes	PB-415K-500	CA
<b>PB-408RA-05a</b>	Fibroblast-Like Synoviocyte Rheumatoid Arthritis (HFLS-RA); adult	0,5x10E6 cells/vial	Fibroblast-Like Synoviocytes	PB-415K-500	CA
<b>PB-cAP-0011</b>	Human Synovial Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0041</b>	Human Tendon Cells (Tenocytes)	0,5x10E6 cells/vial	Tenocytes	PB-cAP-40	AP
<b>PB-cAP-0141</b>	Human Fibroblast-Like Synoviocytes	0,5x10E6 cells/vial	Fibroblast-Like Synoviocytes	on request	AP
<b>PB-cAP-0217</b>	Human Chondrocytes	0,5x10E6 cells/vial	Chondrocytes	PB-cAP-70	AP
<b>PB-cAP-0217GFP</b>	GFP-Human Chondrocytes	0,5x10E6 cells/vial	Chondrocytes	PB-cAP-70	AP
<b>PB-cAP-0217RFP</b>	RFP-Human Chondrocytes	0,5x10E6 cells/vial	Chondrocytes	PB-cAP-70	AP
<b>PB-cAP-0217SV40</b>	SV40-Human Chondrocytes	0,5x10E6 cells/vial	Chondrocytes	PB-cAP-70	AP

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### Muscoskeletal cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-272-0011-44</b>	Skeletal Muscle Cells, adult	0,5x10E6 cells/vial	Skeletal Muscle Cells	on request	PB
<b>10HU-179</b>	Human Osteoblasts (HO <sub>b</sub> )	0.5 million cells/vial	Osteoblast	MD-0037 MD-0085 MD-0005 MD-0006	IX
<b>PB-H-6167Cas9</b>	Cas9-Expressing Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB
<b>PB-H-6167Cre</b>	Cre-Expressing Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB
<b>PB-H-6167GFP</b>	GFP-Expressing Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6167</b>	Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB
<b>PB-H-6167IM.GFP</b>	Immortalized GFP-Expressing Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB
<b>PB-H-6167IM</b>	Immortalized Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB
<b>PB-H-6167Luc</b>	Luciferase-Expressing Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB
<b>PB-H-6167RFP</b>	RFP-Expressing Human Primary Skeletal Muscle Cells	0.5x10 <sup>6</sup> Cells	Skeletal Muscle Cells	PB-M2268	CB
<b>PB-S150COPD-05a</b>	Cryopreserved HSkMC-COPD, Pre-Scr, Adult	0,5x10E6 cells/vial	Skeletal Muscle Cells	PB-151K-500	CA
<b>PB-150T2D-05a</b>	Cryopreserved HSkMC-T2D, Adult	0,5x10E6 cells/vial	Skeletal Muscle Cells	PB-151K-500	CA
<b>PB-406-05a</b>	Human Osteoblasts (HOb); adult	0,5x10E6 cells/vial	Osteoblast	PB-417K-500	CA
<b>PB-406-05f</b>	Human Osteoblasts (HOb); fetal	0,5x10E6 cells/vial	Osteoblast	PB-417K-500	CA
<b>PB-406RA-05a</b>	Osteoblasts Rheumatoid Arthritis	0,5x10E6 cells/vial	Osteoblast	PB-417K-500	CA
<b>PB-406OA-05a</b>	Osteoblasts, Osteo Arthritis	0,5x10E6 cells/vial	Osteoblast	PB-417K-500	CA
<b>PB-S150-05f</b>	Pre-Screened Skeletal Muscle Cells (HSkMC); fetal	0,5x10E6 cells/vial	Skeletal Muscle Cells	PB-151K-500	CA
<b>PB-150-05a</b>	Skeletal Muscle Cells (HSkMC); adult	0,5x10E6 cells/vial	Skeletal Muscle Cells	PB-151K-500	CA
<b>PB-150-05f</b>	Skeletal Muscle Cells (HSkMC); fetal	0,5x10E6 cells/vial	Skeletal Muscle Cells	PB-151K-500	CA
<b>PB-cAP-0073GFP</b>	GFP-Human Bone Osteosarcoma Cells (SJSA-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0073RFP</b>	RFP-Human Bone Osteosarcoma Cells (SJSA-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0089GFP</b>	GFP-Human Rhabdomyosarcoma Cells (A-673)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

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## Oral & Nasal cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-162-4011</b>	Tonsil Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-341-7411</b>	Gingival Epithelial Cells, single donor	0,5x10E6 cells/vial	Epithelial Cells	PB-C-MH-341-7499	PB
<b>PB-CH-341-7413</b>	Gingival Epithelial Cells, pooled	0,5x10E6 cells/vial	Epithelial Cells	PB-C-MH-341-7499	PB
<b>PB-cAP-0013</b>	Human Tonsil Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0140</b>	Human Gingival Fibroblasts	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-44	AP
<b>PB-cAP-0216</b>	Human Gingival Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0216-hTert</b>	hTert-Human Gingival Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0216-hTert-CDK4</b>	hTert-CDK4-Human Gingival Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0216-SV40</b>	SV40-Human Gingival Keratinocytes	0,5x10E6 cells/vial	Keratinocytes	PB-cAP-67	AP
<b>PB-cAP-0222</b>	Human Nasopharyngeal Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-cAP-64	AP

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## Ovary cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-186-4011</b>	Ovarian Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-386-0011</b>	Ovarian Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-300-0090	PB
<b>PB-CH-386-3811</b>	Ovary Cancer Cells (Tumor)	0,5x10E6 Cells/vial	Epithelial Cells	on request	PB
<b>PB-CH-386-3911</b>	Ovary Cancer Cells (PDX)	0,5x10E6 Cells/vial	Epithelial Cells	on request	PB
<b>PB-CH-486-6411</b>	Ovary Cancer associated Fibroblast	0,5x10E6 Cells/vial	Fibroblast	on request	PB
<b>10HU-107</b>	Human Ovarian Surface Epithelial Cells (HOSEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>PB-H-6036Cas9</b>	Cas9-Expressing Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072Cas9</b>	Cas9-Expressing Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6090Cas9</b>	Cas9-Expressing Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6091Cas9</b>	Cas9-Expressing Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6036Cre</b>	Cre-Expressing Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072Cre</b>	Cre-Expressing Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6090Cre</b>	Cre-Expressing Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6091Cre</b>	Cre-Expressing Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6036GFP</b>	GFP-Expressing Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072GFP</b>	GFP-Expressing Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6090GFP</b>	GFP-Expressing Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6091GFP</b>	GFP-Expressing Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6036</b>	Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072</b>	Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6090</b>	Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6091</b>	Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6036IM.GFP</b>	Immortalized GFP-Expressing Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072IM.GFP</b>	Immortalized GFP-Expressing Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6090IM.GFP</b>	Immortalized GFP-Expressing Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6091IM.GFP</b>	Immortalized GFP-Expressing Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6036IM</b>	Immortalized Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072IM</b>	Immortalized Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6090IM</b>	Immortalized Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6091IM</b>	Immortalized Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6036Luc</b>	Luciferase-Expressing Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072Luc</b>	Luciferase-Expressing Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6090Luc</b>	Luciferase-Expressing Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6091Luc</b>	Luciferase-Expressing Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6036RFP</b>	RFP-Expressing Human Primary Ovarian Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6072RFP</b>	RFP-Expressing Human Primary Ovarian Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6090RFP</b>	RFP-Expressing Human Primary Ovarian Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6091RFP</b>	RFP-Expressing Human Primary Ovarian Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-cAP-0015</b>	Human Ovarian Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0054</b>	Human SK-OV-3 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0054GFP</b>	GFP Expressing Human SK-OV-3 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0081GFP</b>	GFP-Human Ovary Adenocarcinoma Cells (OVCAR-3)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0082GFP</b>	GFP-Human Plasmacytoma Cells (NCI-H929)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0082GFP-PM</b>	Plasma Membrane GFP Tagged Human Plasmacytoma Cells (NCI-H929)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

### Pancreas cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-147-4011</b>	Pancreatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-347-0011</b>	Pancreatic Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-300-0090	PB
<b>PB-CH-447-3911</b>	Pancreas Cancer Cells (PDX)	0,5x10E6 Cells/vial	Acinar Cells	on request	PB
<b>10HU-071</b>	Human Pancreatic Microvascular Endothelial Cells (HPaMEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-211</b>	Human Pancreatic Stellate Cells (HPSC)	0.5 million cells/vial	Stellate Cells	MD-0014	IX
<b>ACBRI 134</b>	Primary Human Pancreatic Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>PB-H-6037Cas9</b>	Cas9-Expressing Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6201Cas9</b>	Cas9-Expressing Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206Cas9</b>	Cas9-Expressing Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6037Cre</b>	Cre-Expressing Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6201Cre</b>	Cre-Expressing Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206Cre</b>	Cre-Expressing Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6037GFP</b>	GFP-Expressing Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6201GFP</b>	GFP-Expressing Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206GFP</b>	GFP-Expressing Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6037</b>	Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6201</b>	Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206</b>	Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6037IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6201IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6037IM</b>	Immortalized Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6201IM</b>	Immortalized Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206IM</b>	Immortalized Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6037Luc</b>	Luciferase-Expressing Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6201Luc</b>	Luciferase-Expressing Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206Luc</b>	Luciferase-Expressing Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6037RFP</b>	RFP-Expressing Human Primary Pancreatic Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6201RFP</b>	RFP-Expressing Human Primary Pancreatic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6206RFP</b>	RFP-Expressing Human Primary Pancreatic Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-cAP-0009</b>	Human Pancreatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0009GFP</b>	GFP-Expressing Human Pancreatic Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0027</b>	Immortalized Human Pancreatic Beta Cells	0,5x10E6 cells/vial	Beta Cells	on request	AP
<b>PB-cAP-0078GFP</b>	GFP-Human Pancreatic Epithelioid Carcinoma Cells (PANC-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0078RFP</b>	RFP-Human Pancreatic Epithelioid Carcinoma Cells (PANC-1)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0079GFP</b>	GFP-Human Pancreatic Carcinoma Cells (MIA PaCa-2)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0080GFP</b>	GFP-Human Pancreatic Adenocarcinoma Cells (BxPC-3)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0137</b>	Insulin Secretion Fibroblast-Like Transformed Human Pancreatic Islet Cells	0,5x10E6 cells/vial	Cell Lines	cAP-01B	AP
<b>PB-cAP-0144</b>	Human Pancreatic Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP

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## Peripheral Blood & Cord Blood Cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-507-7511-02</b>	Cord Blood CD34+ Cells	0,2x10E6 cells/vial	CD34+	on request	PB
<b>PB-CH-507-9711</b>	Cord Blood MNCs	5x10E6 cells/vial	MNC	on request	PB
<b>PB-CH-908-9711</b>	Peripheral Blood MNCs	10x10E6 cells/vial	Mono Nuclear Cells/MNC	on request	PB
<b>10HU-003-CR100M</b>	Human PBMCs (Cryopreserved)	100 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR10M</b>	Human PBMCs (Cryopreserved)	10 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR15M</b>	Human PBMCs (Cryopreserved)	15 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR200M</b>	Human PBMCs (Cryopreserved)	200 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR25M</b>	Human PBMCs (Cryopreserved)	25 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR350M</b>	Human PBMCs (Cryopreserved)	350 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR500M</b>	Human PBMCs (Cryopreserved)	500 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR50M</b>	Human PBMCs (Cryopreserved)	50 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-CR5M</b>	Human PBMCs (Cryopreserved)	5 million cells/vial	MNC	MD-0007	IX
<b>10HU-003-P</b>	Human PBMCs (Cryopreserved), pooled	10 million cells/vial	MNC	MD-0007	IX
<b>10HU-008-10M</b>	Human Peripheral Blood CD14+ Monocytes	10 million cells/vial	CD14+ Cells	MD-0007	IX
<b>10HU-008-40M</b>	Human Peripheral Blood CD14+ Monocytes	40 million cells/vial	CD14+ Cells	MD-0007	IX
<b>10HU-008N-10M</b>	Human Peripheral Blood Pan Monocytes - Untouched	10 million cells/vial	PAN Monocytes	MD-0007	IX
<b>10HU-008N-40M</b>	Human Peripheral Blood Pan Monocytes - Untouched	40 million cells/vial	PAN Monocytes	MD-0007	IX
<b>10HU-009-20M</b>	Human Peripheral Blood CD3+ T Cells (Pan T Cells)	20 million cells/vial	CD3+ Cells	MD-0007	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>10HU-009-40M</b>	Human Peripheral Blood CD3+ T Cells (Pan T Cells)	40 million cells/vial	CD3+ Cells	MD-0007	IX
<b>10HU-023-10M</b>	Human Peripheral Blood CD4+ Helper T Cells	10 million cells/vial	CD4+ Cells	MD-0007	IX
<b>10HU-023N-10M</b>	Human Peripheral Blood CD4+ Helper T Cells - Untouched	10 million cells/vial	CD4+ Cells	MD-0007	IX
<b>10HU-024-10M</b>	Human Peripheral Blood CD8+ Cytotoxic T Cells	10 million cells/vial	CD8+ Cells	MD-0007	IX
<b>10HU-024-5M</b>	Human Peripheral Blood CD8+ Cytotoxic T Cells	5 million cells/vial	CD8+ Cells	MD-0007	IX
<b>10HU-024N-5M</b>	Human Peripheral Blood CD8+ Cytotoxic T Cells (Untouched)	5 million cells/vial	CD8+ Cells	MD-0007	IX
<b>10HU-026-10M</b>	Human Peripheral Blood CD19+ B Cells	10 million cells/vial	CD19+ Cells	MD-0007	IX
<b>10HU-026-5M</b>	Human Peripheral Blood CD19+ B Cells	5 million cells/vial	CD19+ Cells	MD-0007	IX
<b>10HU-026N-10M</b>	Human Peripheral Blood CD19+ B Cells (Untouched)	10 million cells/vial	CD19+ Cells	MD-0007	IX
<b>10HU-102-0.2M</b>	Human Peripheral Blood CD34+ Cells	0.2 million cells/vial	CD34+ Cells	MD-0007	IX
<b>10HU-102-0.5M</b>	Human Peripheral Blood CD34+ Cells	0.5 million cells/vial	CD34+ Cells	MD-0007	IX
<b>PB-6908PB-05a</b>	Cryopreserved Dendritic Cells-Peripheral Blood (HDC-PB), Adult	0,5x10E6 cells/vial	Dendritic Cells	PB-623K-50	CA
<b>PB-690PB-100a</b>	Mononuclear Cells-Peripheral Blood (HMNC-PB); adult	1x10E7 cells/vial	Mono Nuclear Cells/MNC	PB-615K-250	CA
<b>PB-6904-20a</b>	Periphery Blood CD19+ Cells (HPBBC), adult	2x10E6 cells/vial	CD19+ Cells	PB-615K-250	CA
<b>PB-6902-50a</b>	Human Peripheral Blood CD4+ T Cells (HPBTC), adult	5x10E6 cells/vial	CD4+ Cells	PB-615K-250	CA
<b>PB-6906-50a</b>	Periphery Blood CD14+ Monocyte cells (HPBM), adult	5x10E6 cells/vial	CD14+ Cells	PB-615K-250	CA
<b>PB-cAP-0024</b>	Human Cord Blood CD34+ Cells Derived Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0055</b>	Human Monocytic THP-1 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0055GFP</b>	GFP Expressing Human THP-1 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0093GFP</b>	GFP-Human Leukemia Cells (HL-60)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0093RFP</b>	RFP-Human Leukemia Cells (HL-60)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

### Placenta cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-091-2211</b>	Placental Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-MH-031-4000-rtu	PB
<b>1ACEGIK</b>	Placental Chorionic villi MSCs	2 x 0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	1-24-GM	KET
<b>2ACEGIK</b>	Placental Decidua basalis MSCs	2 x 0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	2-24-GM	KET
<b>3ACEGIK</b>	Placental Amniotic epithelial cells	2 x 0,5x10E6 cells/vial	Epithelial Cells	3-24-GM	KET
<b>4ACEGIK</b>	Placental Amniotic MSCs	2 x 0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	4-24-GM	KET
<b>5ACEGIK</b>	Placental Chorionic villous trophoblast cells	2 x 0,5x10E6 cells/vial	Trophoblast	5-24-GM	KET
<b>6ACEGIK</b>	Chorionic plate MSCs	2 x 0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	6-24-GM	KET
<b>7ACEGIK</b>	Decidua NK-CD56+CD3-	2 x 0,5x10E6 cells/vial	NK Cells	7-24-GM	KET
<b>10HU-170</b>	Human Placental Mesenchymal Stem Cells-Decidua,	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0037 MD-0005 MD-0006	IX
<b>10HU-171</b>	Human Placental Mesenchymal Stem Cells-Chorionic Villi	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0037 MD-0005 MD-0006	IX
<b>10HU-172</b>	Human Placental Mesenchymal Stem Cells-Chorionic Plate	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0037 MD-0005 MD-0006	IX
<b>10HU-214-0.5M</b>	Human Villous Trophoblasts (HVT)	0.5 million cells/vial	Trophoblast	MD-0058	IX
<b>10HU-214-1M</b>	Human Villous Trophoblasts (HVT)	1 million cells/vial	Trophoblast	MD-0058	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-230-05f</b>	Placental Epithelial Cells (HPIEpC); fetal	0,5x10E6 cells/vial	Epithelial Cells	PB-215K-500	CA
<b>PB-230-05n</b>	Placental Epithelial Cells (HPIEpC); neonatal	0,5x10E6 cells/vial	Epithelial Cells	PB-215K-500	CA
<b>PB-cAP-0029</b>	Human Placental Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0029GFP</b>	GFP Expressing Human Placental Microvascular Pericytes	0,5x10E6 cells/vial	Pericytes	PB-cAP-09 or PB-cAP-09B	AP

### Prostate cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-157-4011</b>	Prostate Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-357-0011</b>	Prostate Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-300-0090	PB
<b>PB-CH-357-3811</b>	Prostate Cancer Cells (Tumor)	0,5x10E6 Cells/vial	Epithelial Cells	on request	PB
<b>PB-CH-457-6411</b>	Prostate Cancer associated Fibroblast	0,5x10E6 Cells/vial	Fibroblast	on request	PB
<b>10HU-109</b>	Human Prostate Epithelial Cells (HPrEpC)	0.5 million cells/vial	Epithelial Cells	MD-0041	IX
<b>ACBRI 3733</b>	Primary Human Prostate Microvascular Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>PB-H-6038Cas9</b>	Cas9-Expressing Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223Cas9</b>	Cas9-Expressing Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6027Cas9</b>	Cas9-Expressing Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041Cas9</b>	Cas9-Expressing Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6038Cre</b>	Cre-Expressing Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223Cre</b>	Cre-Expressing Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6027Cre</b>	Cre-Expressing Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041Cre</b>	Cre-Expressing Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6038GFP</b>	GFP-Expressing Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223GFP</b>	GFP-Expressing Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6027GFP</b>	GFP-Expressing Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041GFP</b>	GFP-Expressing Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6038</b>	Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223</b>	Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6027</b>	Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041</b>	Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6038IM.GFP</b>	Immortalized GFP-Expressing Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223IM.GFP</b>	Immortalized GFP-Expressing Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6027IM.GFP</b>	Immortalized GFP-Expressing Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041IM.GFP</b>	Immortalized GFP-Expressing Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6038IM</b>	Immortalized Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223IM</b>	Immortalized Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6027IM</b>	Immortalized Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041IM</b>	Immortalized Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6038Luc</b>	Luciferase-Expressing Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223Luc</b>	Luciferase-Expressing Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6027Luc</b>	Luciferase-Expressing Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041Luc</b>	Luciferase-Expressing Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6038RFP</b>	RFP-Expressing Human Primary Prostate Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6223RFP</b>	RFP-Expressing Human Primary Prostate Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6027RFP</b>	RFP-Expressing Human Primary Prostate Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6041RFP</b>	RFP-Expressing Human Primary Prostate Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-934-05a</b>	Prostate Epithelial Cells (HPrEpC), adult	0,5x10E6 cells/vial	Epithelial Cells	PB-215K-500	CA
<b>PB-cAP-0014</b>	Human Prostate Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0067</b>	Human PC3 Prostate Adenocarcinoma Cells	0,5x10E6 cells/vial	Cell Lines		AP
<b>PB-cAP-0067GFP</b>	GFP-Human PC3 Prostate Adenocarcinoma Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0076GFP</b>	GFP-Human Prostate Carcinoma Cells (DU 145)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0077GFP</b>	GFP-Human Renal Adenocarcinoma Cells (ACHN)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0077RFP</b>	RFP-Human Renal Adenocarcinoma Cells (ACHN)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

## Spleen cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-438-0011</b>	Spleen Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>PB-H-6045Cas9</b>	Cas9-Expressing Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022Cas9</b>	Cas9-Expressing Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6057Cas9</b>	Cas9-Expressing Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6045Cre</b>	Cre-Expressing Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022Cre</b>	Cre-Expressing Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6057Cre</b>	Cre-Expressing Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6045GFP</b>	GFP-Expressing Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022GFP</b>	GFP-Expressing Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6057GFP</b>	GFP-Expressing Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6045</b>	Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022</b>	Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6057</b>	Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6045IM.GFP</b>	Immortalized GFP-Expressing Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022IM.GFP</b>	Immortalized GFP-Expressing Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6057IM.GFP</b>	Immortalized GFP-Expressing Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6045IM</b>	Immortalized Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022IM</b>	Immortalized Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6057IM</b>	Immortalized Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6045Luc</b>	Luciferase-Expressing Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022Luc</b>	Luciferase-Expressing Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6057Luc</b>	Luciferase-Expressing Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6045RFP</b>	RFP-Expressing Human Primary Spleen Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6022RFP</b>	RFP-Expressing Human Primary Spleen Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6057RFP</b>	RFP-Expressing Human Primary Spleen Microvascular Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

## Stomach cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-363-0011</b>	Stomach Epithelial Cells	0,5x10E6 cells/vial	Epithelial Cells	PB-MH-300-0090	PB
<b>PB-H-6039Cas9</b>	Cas9-Expressing Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6087Cas9</b>	Cas9-Expressing Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6039Cre</b>	Cre-Expressing Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6087Cre</b>	Cre-Expressing Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6039GFP</b>	GFP-Expressing Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6087GFP</b>	GFP-Expressing Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6039</b>	Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6087</b>	Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6039IM.GFP</b>	Immortalized GFP-Expressing Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6087IM.GFP</b>	Immortalized GFP-Expressing Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6039IM</b>	Immortalized Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6087IM</b>	Immortalized Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6039Luc</b>	Luciferase-Expressing Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6087Luc</b>	Luciferase-Expressing Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6039RFP</b>	RFP-Expressing Human Primary Stomach Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6087RFP</b>	RFP-Expressing Human Primary Stomach Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-cAP-0058</b>	Human Gastric Carcinoma N87 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0058GFP</b>	GFP-Tagged Human Gastric Carcinoma N87 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0058RFP</b>	RFP-Tagged Human Gastric Carcinoma N87 Cells	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0090GFP</b>	GFP-Human Gastric Carcinoma Cells (SNU-5)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP

### Thyroid cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6040Cas9</b>	Cas9-Expressing Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6040Cre</b>	Cre-Expressing Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6040GFP</b>	GFP-Expressing Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6040</b>	Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6040IM.GFP</b>	Immortalized GFP-Expressing Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6040IM</b>	Immortalized Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6040Luc</b>	Luciferase-Expressing Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB
<b>PB-H-6040RFP</b>	RFP-Expressing Human Primary Thyroid Epithelial Cells	0.5x10 <sup>6</sup> Cells	Epithelial Cells	PB-H6621	CB

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## Umbilical Cord cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-190-2011</b>	HUAEC - Umbilical Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-MH-100-2190 PB-MH-100-2199	PB
<b>PB-CH-190-8011</b>	HUVEC - Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-MH-100-2100	PB
<b>PB-CH-190-8013</b>	HUVEC - Umbilical Vein Endothelial Cells, pooled	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-MH-100-2100	PB
<b>PB-CH-690-0511</b>	Mesenchymal Stem Cells, Wharton's Jelly derived	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-MH-675-0511 PB-C-MH-675-0511-ad PB-C-MH-675-0511-XF	PB
<b>PB-CH-690-0511-1</b>	Mesenchymal Stem Cells, Wharton's Jelly derived	1x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-MH-675-0511 PB-C-MH-675-0511-ad PB-C-MH-675-0511-XF	PB
<b>15ACEGIK</b>	Umbilical cord blood MSCs (UC-MSCs)	2 x 0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	15-24-GM	KET
<b>16ACEGIK</b>	Umbilical cord tissue MSCs (UCT-MSCs)	2 x 0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	16-24-GM	KET
<b>17ACEGIK</b>	Umbilical cord wharton jelly MSCs (UCWJ-MSCs)	2 x 0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	17-24-GM	KET
<b>10HU-012</b>	Human Umbilical Vein Endothelial Cells (HUVEC)	0.5 million cells/vial	Endothelial Cells (HUVEC)	MD-0010	IX
<b>10HU-174</b>	Human Umbilical Mesenchymal Stem Cells (HUMSC)	0.5 million cells/vial	Mesenchymal Stem Cells	MD-0037 MD-0005 MD-0006	IX
<b>CSC 2V0</b>	Primary Human Umbilical Venous Endothelial Cells (HUVEC)	1x10E6 cells/vial	Endothelial Cells (HUVEC)	4Z0-500	CS
<b>PB-H-6207Cas9</b>	Cas9-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6207Cre</b>	Cre-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6207GFP</b>	GFP-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6207</b>	Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6207IM.GFP</b>	Immortalized GFP-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6207IM</b>	Immortalized Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6207Luc</b>	Luciferase-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6207RFP</b>	RFP-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-S200-05n</b>	Pre-Screened Umbilical Vein Endothelial Cells (HUVEC); neonatal	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-202-05n</b>	Umbilical Artery Endothelial Cells (HUAEC); neonatal	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-212K-500	CA
<b>PB-252-05n</b>	Umbilical Artery Smooth Muscle Cells (HUASMC); neonatal	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-200-05f</b>	Umbilical Vein Endothelial Cells (HUVEC); fetal	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-200-05n</b>	Umbilical Vein Endothelial Cells (HUVEC); neonatal	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-200p-05n</b>	Umbilical Vein Endothelial Cells (HUVEC); neonatal; pool	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-250-05n</b>	Umbilical Vein Smooth Muscle Cells (HUVSMC); neonatal	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-cAP-0001</b>	Human Umbilical Vein Endothelial Cells (HUVECs)	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001-AEQ-Mito</b>	Human Umbilical Vein Endothelial Cells (HUVECs) with Aequorin Expressed in Mitochondria	1x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0001-GCaMP3</b>	GCaMP3-Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001-GCaMP6m</b>	GCaMP6m-Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-CAP-0001GFP</b>	GFP Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001GFP-Exos</b>	Exosome-GFP Expressing Human Umbilical Vein Endothelial Cells	1.0 Frozen Vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001GFP-Mitochon</b>	Mitochondria GFP Tag Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001GFP-PM</b>	Plasma Membrane GFP Tag Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001RFP</b>	RFP Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001-siRNA-Con</b>	Control shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001siRNAPECAM1</b>	Human PECAM1 shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001siRNAVEGFR1</b>	Human VEGFR1 shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001-siRNAVEGFR2</b>	Human VEGFR2 shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001-siRNAVR2GFP</b>	Human VEGFR2 shRNA Stable Transfected GFP-HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0001VECAD-GFP</b>	Human Umbilical Vein Endothelial Cells (HUVECs) Expressing VE-CAD-GFP	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0052</b>	Human Umbilical Cord-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0052RFP</b>	RFP Expressing Human Umbilical Cord-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0062</b>	Conditionally Immortalized Human Umbilical Cord-Derived Mesenchymal Stem Cells	0,5x10E6 cells/vial	Mesenchymal Stem/Stromal Cells	PB-cAP-35	AP
<b>PB-cAP-0113</b>	Human Umbilical Artery Endothelial Cells (HUAECs)	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-cAP-02	AP
<b>PB-cAP-0113GFP</b>	GFP-Human Umbilical Artery Endothelial Cells (HUAECs)	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0113RFP</b>	RFP-Human Umbilical Artery Endothelial Cells (HUAECs)	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP

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### Urethra cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-9310-05a</b>	Urethra Epithelial Cells (HUEpC), adult	0,5x10E6 cells/vial	Epithelial Cells	PB-223K-500	CA

### Uterus cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-158-4011</b>	Uterine Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>10HU-094</b>	Human Cervical Epithelial Cells (HCerEpC)	0,5x10E6 cells/vial	Epithelial Cells	MD-0041	IX

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0023GFP</b>	GFP-Human Uterine Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0215</b>	Human Fallopian Tube Secretory Epithelial Cells	1.0 Frozen Vial	Epithelial Cells	PB-cAP-45C	AP
<b>PB-cAP-0023</b>	Human Uterine Microvascular Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP

### More cells

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>10HU-149</b>	Human Sertoli Cells (HSerC)	1.5 million cells/vial	Sertoli Cells	MD-0091	IX
<b>10HU-229</b>	Human Exfoliated Deciduous Teeth Stem Cells (SHED)	0.5 million cells/vial	Tissue Stem Cells	MD-0096	IX
<b>PB-704-05f</b>	Human Gall Bladder Fibroblasts Cells (HGBF), fetal	0,5x10E6 cells/vial	Fibroblast	PB-7113K-500	CA
<b>PB-cAP-0068GFP</b>	GFP-Human Adrenocortical Carcinoma Cells (NCI-H295R)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0068RFP</b>	RFP-Human Adrenocortical Carcinoma Cells (NCI-H295R)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0087GFP</b>	GFP-Human Cervical Adenocarcinoma Cells (Hela)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0091GFP</b>	GFP-Human Squamous Cell Carcinoma Cells (CAL 27)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0092GFP</b>	GFP-Human Squamous Cell Carcinoma Cells (FaDu)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0094GFP</b>	GFP-Human Connective Tissue Liposarcoma Cells (SW 872)	0,5x10E6 cells/vial	Cell Lines	PB-cAP-01B	AP
<b>PB-cAP-0218</b>	Human Parathyroid Fibroblasts	0,5x10E6 cells/vial	Fibroblast	PB-cAP-44	AP
<b>PB-cAP-0219</b>	Human Parathyroid Microvascular Endothelial Cells (HPaTMVECs)	0,2x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0220</b>	Human Parathyroid Microvascular Pericytes (HPTMVPCs)	0,5x10E6 cells/vial	Pericytes	PB-cAP-02	AP

### Cells from vessels

Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-CH-180-2011</b>	Aortic Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-181-8011</b>	Saphenous Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-182-2011</b>	Coronary Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-187-2011</b>	Iliac Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-MH-100-4099	PB
<b>PB-CH-190-2011</b>	HUAEC - Umbilical Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-MH-100-2190 PB-MH-100-2199	PB
<b>PB-CH-190-8011</b>	HUVEC - Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-MH-100-2100	PB
<b>PB-CH-190-8013</b>	HUVEC - Umbilical Vein Endothelial Cells, pooled	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-MH-100-2100	PB
<b>PB-CH-280-2011</b>	Aortic Artery Smooth Muscle Cells (adult)	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-MH-200-2190	PB
<b>PB-CH-282-0011</b>	Coronary Artery Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-MH-200-2190	PB
<b>PB-CH-293-8011</b>	Pulmonary Vein Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-MH-200-2190	PB
<b>PB-CH-480-2011</b>	Aortic Artery Fibroblast	0,5x10E6 cells/vial	Fibroblast	PB-MH-400-9090 or PB-MH-400-9099	PB
<b>10HU-020</b>	Human Aortic Endothelial Cells (HAOEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-028</b>	Human Coronary Artery Endothelial Cells (HCAECs)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-029</b>	Human Pulmonary Artery Endothelial Cells (HPAEC)	0.5 million cells/vial	Endothelial Cells	MD-0010	IX
<b>10HU-190</b>	Human Aortic Smooth Muscle Cells (HASMC)	0.5 million cells/vial	Smooth Muscle Cells	MD-0034	IX
<b>ACBRI 375</b>	Primary Human Aortic Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>ACBRI 377</b>	Primary Human Coronary Artery Endothelial Cells	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>ACBRI 443</b>	Primary Human Coronary Artery Smooth Muscle Cells	1x10E6 cells/vial	Smooth Muscle Cells	4Z0-500	CS
<b>ACBRI 716</b>	Primary Human Aortic Smooth Muscle Cells	1x10E6 cells/vial	Smooth Muscle Cells	4Z0-500	CS
<b>CSC 2A0</b>	Primary Human Arterial Endothelial Cells (Pooled)	1x10E6 cells/vial	Endothelial Cells	4Z0-500	CS
<b>CSC 2SM3</b>	Primary Human Vascular Smooth Muscle Cells (Pooled)	1x10E6 cells/vial	Smooth Muscle Cells	4Z0-500	CS
<b>CSC 2V0</b>	Primary Human Umbilical Venous Endothelial Cells (HUVEC)	1x10E6 cells/vial	Endothelial Cells (HUVEC)	4Z0-500	CS
<b>PB-H-6052Cas9</b>	Cas9-Expressing Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075Cas9</b>	Cas9-Expressing Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6080Cas9</b>	Cas9-Expressing Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6008Cas9</b>	Cas9-Expressing Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073Cas9</b>	Cas9-Expressing Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081Cas9</b>	Cas9-Expressing Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6093Cas9</b>	Cas9-Expressing Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO.Cas9</b>	Cas9-Expressing Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225Cas9</b>	Cas9-Expressing Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6059Cas9</b>	Cas9-Expressing Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6074Cas9</b>	Cas9-Expressing Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083Cas9</b>	Cas9-Expressing Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060Cas9</b>	Cas9-Expressing Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6078Cas9</b>	Cas9-Expressing Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6084Cas9</b>	Cas9-Expressing Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6207Cas9</b>	Cas9-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009Cas9</b>	Cas9-Expressing Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069Cas9</b>	Cas9-Expressing Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6086Cas9</b>	Cas9-Expressing Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6052Cre</b>	Cre-Expressing Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075Cre</b>	Cre-Expressing Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6080Cre</b>	Cre-Expressing Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6008Cre</b>	Cre-Expressing Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073Cre</b>	Cre-Expressing Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081Cre</b>	Cre-Expressing Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6093Cre</b>	Cre-Expressing Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO.Cre</b>	Cre-Expressing Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225Cre</b>	Cre-Expressing Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6059Cre</b>	Cre-Expressing Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6074Cre</b>	Cre-Expressing Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083Cre</b>	Cre-Expressing Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060Cre</b>	Cre-Expressing Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6078Cre</b>	Cre-Expressing Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6084Cre</b>	Cre-Expressing Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6207Cre</b>	Cre-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009Cre</b>	Cre-Expressing Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069Cre</b>	Cre-Expressing Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6086Cre</b>	Cre-Expressing Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6052GFP</b>	GFP-Expressing Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075GFP</b>	GFP-Expressing Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6080GFP</b>	GFP-Expressing Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6008GFP</b>	GFP-Expressing Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073GFP</b>	GFP-Expressing Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081GFP</b>	GFP-Expressing Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6093GFP</b>	GFP-Expressing Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO.GFP</b>	GFP-Expressing Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225GFP</b>	GFP-Expressing Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6059GFP</b>	GFP-Expressing Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6074GFP</b>	GFP-Expressing Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083GFP</b>	GFP-Expressing Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060GFP</b>	GFP-Expressing Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6078GFP</b>	GFP-Expressing Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6084GFP</b>	GFP-Expressing Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6207GFP</b>	GFP-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009GFP</b>	GFP-Expressing Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069GFP</b>	GFP-Expressing Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6086GFP</b>	GFP-Expressing Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6052</b>	Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075</b>	Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6080</b>	Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6008</b>	Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073</b>	Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081</b>	Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6093</b>	Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO</b>	Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225</b>	Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6059</b>	Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6074</b>	Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083</b>	Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060</b>	Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6078</b>	Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6084</b>	Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6207</b>	Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009</b>	Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069</b>	Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6086</b>	Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6052IM.GFP</b>	Immortalized GFP-Expressing Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075IM.GFP</b>	Immortalized GFP-Expressing Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6080IM.GFP</b>	Immortalized GFP-Expressing Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6008IM.GFP</b>	Immortalized GFP-Expressing Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073IM.GFP</b>	Immortalized GFP-Expressing Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081IM.GFP</b>	Immortalized GFP-Expressing Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6093IM.GFP</b>	Immortalized GFP-Expressing Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO.IM.GFP</b>	Immortalized GFP-Expressing Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225IM.GFP</b>	Immortalized GFP-Expressing Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6059IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6074IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6078IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6084IM.GFP</b>	Immortalized GFP-Expressing Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6207IM.GFP</b>	Immortalized GFP-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009IM.GFP</b>	Immortalized GFP-Expressing Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069IM.GFP</b>	Immortalized GFP-Expressing Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6086IM.GFP</b>	Immortalized GFP-Expressing Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6052IM</b>	Immortalized Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075IM</b>	Immortalized Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6080IM</b>	Immortalized Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6008IM</b>	Immortalized Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073IM</b>	Immortalized Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081IM</b>	Immortalized Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6093IM</b>	Immortalized Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO.IM</b>	Immortalized Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225IM</b>	Immortalized Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6059IM</b>	Immortalized Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6074IM</b>	Immortalized Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083IM</b>	Immortalized Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060IM</b>	Immortalized Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6078IM</b>	Immortalized Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6084IM</b>	Immortalized Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6207IM</b>	Immortalized Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009IM</b>	Immortalized Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069IM</b>	Immortalized Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6086IM</b>	Immortalized Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6052Luc</b>	Luciferase-Expressing Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075Luc</b>	Luciferase-Expressing Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6080Luc</b>	Luciferase-Expressing Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6008Luc</b>	Luciferase-Expressing Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073Luc</b>	Luciferase-Expressing Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081Luc</b>	Luciferase-Expressing Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6093Luc</b>	Luciferase-Expressing Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO.Luc</b>	Luciferase-Expressing Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225Luc</b>	Luciferase-Expressing Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6059Luc</b>	Luciferase-Expressing Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6074Luc</b>	Luciferase-Expressing Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083Luc</b>	Luciferase-Expressing Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060Luc</b>	Luciferase-Expressing Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6078Luc</b>	Luciferase-Expressing Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6084Luc</b>	Luciferase-Expressing Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6207Luc</b>	Luciferase-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009Luc</b>	Luciferase-Expressing Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069Luc</b>	Luciferase-Expressing Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6086Luc</b>	Luciferase-Expressing Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6052RFP</b>	RFP-Expressing Human Primary Aortic Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6075RFP</b>	RFP-Expressing Human Primary Aortic Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6080RFP</b>	RFP-Expressing Human Primary Aortic Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6008RFP</b>	RFP-Expressing Human Primary Carotid Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6073RFP</b>	RFP-Expressing Human Primary Carotid Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6081RFP</b>	RFP-Expressing Human Primary Carotid Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6093RFP</b>	RFP-Expressing Human Primary Coronary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6049CO.RFP</b>	RFP-Expressing Human Primary Coronary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6225RFP</b>	RFP-Expressing Human Primary Coronary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-H-6059RFP</b>	RFP-Expressing Human Primary Pulmonary Artery Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6074RFP</b>	RFP-Expressing Human Primary Pulmonary Artery Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6083RFP</b>	RFP-Expressing Human Primary Pulmonary Artery Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6060RFP</b>	RFP-Expressing Human Primary Pulmonary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6078RFP</b>	RFP-Expressing Human Primary Pulmonary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6084RFP</b>	RFP-Expressing Human Primary Pulmonary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-H-6207RFP</b>	RFP-Expressing Human Primary Umbilical Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6009RFP</b>	RFP-Expressing Human Primary Vein Endothelial Cells	0.5x10 <sup>6</sup> Cells	Endothelial Cells	PB-H1168	CB
<b>PB-H-6069RFP</b>	RFP-Expressing Human Primary Vein Fibroblasts	0.5x10 <sup>6</sup> Cells	Fibroblast	PB-M2267	CB
<b>PB-H-6086RFP</b>	RFP-Expressing Human Primary Vein Smooth Muscle Cells	0.5x10 <sup>6</sup> Cells	Smooth Muscle Cells	PB-M2268	CB
<b>PB-304-05a</b>	Aortic Endothelial Cells (HAOEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-211K-500	CA
<b>PB-354-05a</b>	Aortic Smooth Muscle Cells (HAOSMC); adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-354-05f</b>	Aortic Smooth Muscle Cells (HAOSMC); fetal	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-3012-05a</b>	Brachiocephalic Artery Endothelial Cells (HBcAEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-3512-05a</b>	Brachiocephalic Artery Smooth Muscle Cells (HBcASMC); adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-3014-05a</b>	Carotid Artery Endothelial Cells (HCtAEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-3514-05a</b>	Carotid Artery Smooth Muscle Cells (HCtASMC); adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-300-05a</b>	Coronary Artery Endothelial Cells (HCAEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-350-05a</b>	Coronary Artery Smooth Muscle Cells (HCASMC); adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-346-05a</b>	Cryopreserved Aortic Adventitial Fibroblast Cells (HAOAF), adult	0,5x10E6 cells/vial	Fibroblast	PB-316K-500	CA
<b>PB-304AS-05a</b>	Cryopreserved HAOEC-AS, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-211K-500	CA
<b>PB-304T2D-05a</b>	Cryopreserved HAOEC-T2D, adult	0,5x10E6 cells/vial	Endothelial Cells	PB-211K-500	CA
<b>PB-354T2D-05a</b>	Cryopreserved HAOSMC-T2D, adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-3012T2D-05a</b>	Cryopreserved HBcAEC-T2D, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-300q-05a</b>	Cryopreserved HCAEC, plaque, adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-300AS-05a</b>	Cryopreserved HCAEC-AS, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-300T2D-05a</b>	Cryopreserved HCAEC-T2D, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-350q-05a</b>	Cryopreserved HCASMC plaque, adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-350p-05a</b>	Cryopreserved HCASMC pooled, adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-350AS-05a</b>	Cryopreserved HCASMC-AS, Adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-3014AS-05a</b>	Cryopreserved HCtAEC-AS, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-S302AS-05a</b>	Cryopreserved HPAEC-AS, Pre-Scr, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-211K-500	CA
<b>PB-354p-05a</b>	Human Aortic Smooth Muscle Cells (HAOSMC), Pooled, Adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-3016-05a</b>	Human Femoral Artery Endothelial Cells, Adult	0,5x10E6 cells/vial	Endothelial Cells	PB-211K-500	CA
<b>PB-358-05a</b>	Internal Thoracic Artery Smooth Muscle Cells (HITASMC); adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-308-05a</b>	Internal Thoracic Endothelial Cells (HITAEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-S304-05a</b>	Pre-Screened Aortic Endothelial Cells (HAOEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-211K-500	CA

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-S200-05n</b>	Pre-Screened Umbilical Vein Endothelial Cells (HUVEC); neonatal	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-302-05a</b>	Pulmonary Artery Endothelial Cells (HPAEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-211K-500	CA
<b>PB-352-05a</b>	Pulmonary Artery Smooth Muscle Cells (HPASMC); adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-3010-05a</b>	Subclavian Artery Endothelial Cells (HScAEC); adult	0,5x10E6 cells/vial	Endothelial Cells	PB-212K-500	CA
<b>PB-3510-05a</b>	Subclavian Artery Smooth Muscle Cells (HScASMC); adult	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-202-05n</b>	Umbilical Artery Endothelial Cells (HUAEC); neonatal	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-212K-500	CA
<b>PB-252-05n</b>	Umbilical Artery Smooth Muscle Cells (HUASMC); neonatal	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-200-05f</b>	Umbilical Vein Endothelial Cells (HUVEC); fetal	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-200-05n</b>	Umbilical Vein Endothelial Cells (HUVEC); neonatal	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-200p-05n</b>	Umbilical Vein Endothelial Cells (HUVEC); neonatal; pool	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-211K-500	CA
<b>PB-250-05n</b>	Umbilical Vein Smooth Muscle Cells (HUVSMC); neonatal	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-311K-500	CA
<b>PB-cAP-0001</b>	Human Umbilical Vein Endothelial Cells (HUVECs)	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001-AEQ-Mito</b>	Human Umbilical Vein Endothelial Cells (HUVECs) with Aequorin Expressed in Mitochondria	1x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001-GCaMP3</b>	GCaMP3-Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0001-GCaMP6m</b>	GCaMP6m-Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-CAP-0001GFP</b>	GFP Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001GFP-Exos</b>	Exosome-GFP Expressing Human Umbilical Vein Endothelial Cells	1.0 Frozen Vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001GFP-Mitochon</b>	Mitochondria GFP Tag Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001GFP-PM</b>	Plasma Membrane GFP Tag Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001RFP</b>	RFP Expressing Human Umbilical Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0001-siRNA-Con</b>	Control shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001siRNAPECAM1</b>	Human PECAM1 shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001siRNAVEGFR1</b>	Human VEGFR1 shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001-siRNAVEGFR2</b>	Human VEGFR2 shRNA Stable Transfected HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001-siRNAVR2GFP</b>	Human VEGFR2 shRNA Stable Transfected GFP-HUVECs	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02	AP
<b>PB-cAP-0001VECAD-GFP</b>	Human Umbilical Vein Endothelial Cells (HUVECs) Expressing VE-CAD-GFP	0,5x10E6 cells/vial	Endothelial Cells (HUVEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0006</b>	Human Aortic Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0006GFP</b>	GFP Expressing Human Aortic Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0006RFP</b>	RFP Expressing Human Aortic Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0007</b>	Human Coronary Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0007GFP</b>	GFP Expressing Human Coronary Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0019</b>	Human Saphenous Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0019GFP</b>	GFP Expressing Human Saphenous Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0019RFP</b>	RFP Expressing Human Saphenous Vein Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0020</b>	Human Iliac Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0026</b>	Human Aortic Smooth Muscle Cells (adult)	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0026AEQ-mito</b>	Human Aortic Smooth Muscle Cells (adult) Expressing GFP-Aequorin in Mitochondria	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0026GFP</b>	GFP Expressing Human Aortic Smooth Muscle Cells (adult)	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0026RFP</b>	RFP Expressing Human Aortic Smooth Muscle Cells (adult)	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0101</b>	Human Pulmonary Artery Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-09 or PB-cAP-09B	AP
<b>PB-cAP-0101GFP</b>	GFP-Human Pulmonary Artery Smooth Muscle Cells	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-01B	AP

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Cat#	Product	Quantity	Cell type	Recommended Medium	Supplier
<b>PB-cAP-0101GFP-AEQ</b>	Human Pulmonary Artery Smooth Muscle Cells Expressing GFP-AEQUORIN in Mitochondria	0,5x10E6 cells/vial	Smooth Muscle Cells	PB-cAP-24	AP
<b>PB-cAP-0113</b>	Human Umbilical Artery Endothelial Cells (HUAECs)	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-cAP-02	AP
<b>PB-cAP-0113GFP</b>	GFP-Human Umbilical Artery Endothelial Cells (HUAECs)	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0113RFP</b>	RFP-Human Umbilical Artery Endothelial Cells (HUAECs)	0,5x10E6 cells/vial	Endothelial Cells (HUAEC)	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0120</b>	Human Pulmonary Artery Endothelial Cells (HPuAECs)	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02	AP
<b>PB-cAP-0120ACE2-GFP</b>	ACE2-GFP Expressing Human Pulmonary Artery Endothelial Cells	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP
<b>PB-cAP-0120GFP</b>	GFP-Human Pulmonary Artery Endothelial Cells (HPuAECs)	0,5x10E6 cells/vial	Endothelial Cells	PB-cAP-02 PB-MH-2190-GFP PB-MH-100-4099-GFP	AP

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### Cell culture media (sorted by cat#)

Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>15-24-GM</b>	Umbilical cord blood MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>16-24-GM</b>	Umbilical cord tissue MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>17-24-GM</b>	Umbilical cord wharton jelly MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>20-24-GM</b>	Chondrocyte Growth Medium	500 ml	Chondrocytes	Growth Medium	KET
<b>21-24-GM</b>	Osteoarthritic articular chondrocyte Growth Medium	500 ml	Diseased Chondrocytes	Growth Medium	KET

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Cat#	Product	Quantity	Cell type	Product type	Supplier
15-24-GM-XF	Umbilical cord blood MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
16-24-GM-XF	Umbilical cord tissue MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
17-24-GM-XF	Umbilical cord wharton jelly MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
20-24-GM-XF	Chondrocyte Growth Medium	500 ml	Chondrocytes	Growth Medium	KET
21-24-GM-XF	Osteoarthritic articular chondrocyte Growth Medium	500 ml	Diseased Chondrocytes	Growth Medium	KET
MD-0003-250ML	Adipose-Derived Stem Cell Growth Medium - 250mL	250mL	Mesenchymal Stem Cells	Growth Medium	IX
MD-0003-500ML	Adipose-Derived Stem Cell Growth Medium - 500mL	500mL	Mesenchymal Stem Cells	Growth Medium	IX
MD-0004-500ML	Preadipocyte Growth Medium	500mL	Preadipocytes	Growth Medium	IX
MD-0005-250ML	Adipocyte Differentiation Medium	250mL	Adipocytes	Differentiation Medium	IX
MD-0006-250ML	Osteogenic Differentiation Medium	250mL	Osteoblast	Differentiation Medium	IX
MD-0007	Blood Cell Culture Medium	500 mL	Blood Cells	Growth Medium	IX
MD-0008	Monocytes DC Differentiation Medium	100 mL	Monocytes	Differentiation Medium	IX
MD-0009	Monocytes DC Maturation Medium	100 mL	Monocytes	Maturation Medium	IX
MD-0010-500ML	Endothelial Cell Growth Medium	500mL	Endothelial Cells	Growth Medium, ready-to-use	IX
MD-0011-500ML	Fibroblast Growth Medium	500mL	Fibroblast	Growth Medium, ready-to-use	IX
MD-0014-500ML	Stellate Cell Growth Medium	500mL	Stellate Cells	Growth Medium, ready-to-use	IX
MD-0018-500ML	Human iPSC Growth Medium	500mL	iPS Cells	Growth Medium, frozen	IX
MD-0019-100ML	Human iPSC Feeder-Free Growth Medium - 100mL	100mL	iPS Cells	Growth Medium, frozen	IX
MD-0019-500ML	Human iPSC Feeder-Free Growth Medium - 500mL	500mL	iPS Cells	Growth Medium, frozen	IX

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>MD-0022</b>	iXCells™ Motor Neuron Culture Medium Kit	1 Kit	Neurons	Culture Medium	IX
<b>MD-0022A</b>	Motor Neuron Culture Medium A	100ml	Neurons	Culture Medium	IX
<b>MD-0022B</b>	Motor Neuron Culture Medium B	20µL	Nneuron	Culture Medium	IX
<b>MD-0024-100ML</b>	Human Neural Stem Cell (NSC) Growth Medium - 100mL	100mL	Neural Stem Cells	Growth Medium, ready-to-use	IX
<b>MD-0024-500ML</b>	Human Neural Stem Cell (NSC) Growth Medium - 500mL	500mL	Neural Stem Cells	Growth Medium, ready-to-use	IX
<b>MD-0030-500ML</b>	Human Pericyte Growth Medium	500mL	Pericytes	Growth Medium, ready-to-use	IX
<b>MD-0034</b>	Smooth Muscle Cell Growth Medium	500 mL	Smooth Muscle Cells	Growth Medium, ready-to-use	IX
<b>MD-0037-500ML</b>	Mesenchymal Stem Cell Medium	500mL	Mesenchymal Stem Cells	Growth Medium	IX
<b>MD-0039-500ML</b>	Astrocyte Medium	500mL	Astrocytes	Growth Medium	IX
<b>MD-0040</b>	Chondrocyte Medium	500 mL	Chondrocytes	Growth Medium, ready-to-use	IX
<b>MD-0041</b>	Epithelial Cell Growth Medium	500 mL	Epithelial Cells	Growth Medium	IX
<b>MD-0047-500ML</b>	Keratinocyte Growth Medium	500mL	Keratinocytes	Growth Medium	IX
<b>MD-0049</b>	Melanocyte Growth Medium	500 mL	Melanocytes	Growth Medium	IX
<b>MD-0050</b>	Meningeal Cell Growth Medium	500 mL	Menigeal Cells	Growth Medium	IX
<b>MD-0051</b>	Mesangial Cell Growth Medium	500 mL	Mesangial Cells	Growth Medium	IX
<b>MD-0052</b>	Skeletal Muscle Cell Growth Medium	500 mL	Skeletal Muscle Cells	Growth Medium, ready-to-use	IX
<b>MD-0053</b>	Nucleus Pulposus Cell Growth Medium - 500mL	500 mL	Nucleus Pulposus Cells	Growth Medium	IX
<b>MD-0054</b>	Osteoblast Growth Medium	500 mL	Osteoblast	Growth Medium, ready-to-use	IX
<b>MD-0055</b>	Schwann Cell Growth Medium	500 mL	Schwannsche Cells	Growth Medium, ready-to-use	IX
<b>MD-0056</b>	Synoviocyte Growth Medium	500 mL	Fibroblast-Like Synoviocytes	Growth Medium, ready-to-use	IX
<b>MD-0057</b>	Trabecular Meshwork Cell Growth Medium	500 mL	Trabecular Meshwork Cells	Growth Medium, ready-to-use	IX

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>MD-0058</b>	Trophoblast Growth Medium	500 mL	Trophoblast	Growth Medium, ready-to-use	IX
<b>MD-0059</b>	Urothelial Cell Growth Medium	500 mL	Urethral Epithelial Cells	Growth Medium	IX
<b>MD-0074</b>	Human iPSC Xeno-Free Growth Medium	500 mL	iPS Cells	Growth Medium, frozen	IX
<b>MD-0086</b>	Chondrocyte Differentiation Medium Kit	1 Kit	Chondrocytes	Differentiation Medium	IX
<b>MD-0091</b>	Sertoli Cell Growth Medium	500 mL	Sertoli Cells	Growth Medium	IX
<b>MD-0093</b>	Cortical Neuron Maintenance Medium (100ml)	100 mL	Neurons	Maintenance Medium	IX
<b>MD-0096</b>	Exfoliated Deciduous Teeth Stem Cell Growth Medium (500 mL)	500 mL	Teeth Stem Cells	Growth Medium, ready-to-use	IX
<b>MD-0102A</b>	iPSC-derived Myoblast Expansion Medium (100mL)	100 mL	Myoblast	Expansion Medium	IX
<b>MD-0102B</b>	iPSC-derived Myoblast Differentiation Medium (100mL)	100 mL	Myoblast	Differentiation Medium	IX
<b>MD-0105</b>	Human Dopaminergic Neuron Maturation Medium -100ml	100 mL	Neurons	Maturation Medium	IX
<b>MD-0109</b>	Human Astrocyte Maintenance Medium	100ml	Astrocytes	Maintenance Medium	IX
<b>MD-0111</b>	iXCells™ Human Hepatocyte Culture Kit	1 kit	Hepatocytes	Maintenance Medium	IX
<b>MD-0114 - 100ML</b>	Human Sensory Neuron Maintenance Medium	100ml	Neurons	Maintenance Medium	IX
<b>MD-0116</b>	Human Glutamatergic Neuron Maturation Medium	100ml	Neurons	Maturation Medium	IX

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>MD-0117</b>	Human Adrenal Cortical Cell Culture Medium	1 Kit	Cortical Cells	Culture Medium	IX
<b>MD-0118</b>	iXCells™ Motor Neuron Activity Medium Kit	1 Kit	iPS derived motor neurons	Culture medium	IX
<b>MD-0118A</b>	Motor Neuron Activity Medium A	100ml	iPS derived motor neurons	Culture medium	IX
<b>MD-0118B</b>	Motor Neuron Activity Medium B	20 µL	iPS derived motor neurons	Culture medium	IX
<b>PB-C-MH-300-1099-rtu</b>	Keratinocyte Growth Medium Kit enhanced, defined, AF (ready-to-use)	500 ml	Keratinocytes	Growth Medium	PB
<b>PB-C-SH-442-3699-D</b>	Adipocyte Differentiation Supplements enhanced, defined	1 kit	Adipocytes	Differentiation Medium	PB
<b>PB-C-DH-442-3699</b>	Adipocyte Differentiation Medium Kit enhanced, defined	500 mL	Adipocytes	Differentiation Medium	PB
<b>PB-C-DH-442-3699-SA</b>	Adipocyte Differentiation Medium Kit enhanced, defined w/o HSA	500 mL	Adipocytes	Maintenance Medium	PB
<b>PB-C-SH-442-3699-M</b>	Adipocyte Maintenance Supplements enhanced, defined	1 kit	Adipocytes	Growth Medium	CA
<b>PB-519-100</b>	AEC2 / i-HAEPc2 Growth Medium	100 ml	iPS derived Alveolar Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-519-500</b>	AEC2 / i-HAEPc2 Growth Medium	500 ml	iPS derived Alveolar Epithelial Cells	Growth Medium	CA
<b>PB-519-GS</b>	AEC2/i-HAEPc2 Growth Supplement	3 ml	iPS derived Alveolar Epithelial Cells	Differentiation Medium	PB
<b>PB-C-DH-350-0099-rtu</b>	Airway Epithelial Cell Differentiation Medium, defined, ACF (ready-to-use)	500 mL	Airway Epithelial Cells	Growth Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-C-MH-350-0099</b>	Airway Epithelial Cell Growth Medium Kit, defined	500 mL	Airway Epithelial Cells	Growth Medium	PB
<b>PB-C-MH-350-0009-rtu</b>	Airway Epithelial Cell Growth Medium, defined, AF (ready-to-use)	500 mL (frozen)	Airway Epithelial Cells	Growth Medium	PB
<b>1020P10</b>	ALyS505N-0 Medium,w/o IL-2	1000 ml	Lymphocytes	Expansion Medium	FK
<b>10210P10</b>	ALyS505N-10 Medium,w/ IL-2(1,000IU/ml)	1000 ml	Lymphocytes	Expansion Medium	FK
<b>10217P10</b>	ALyS505N-175 Medium,w/ IL-2(175IU/ml)	1000 ml	Lymphocytes	Activation Medium	FK
<b>1027P10</b>	ALyS505N-7 Medium, w/ IL-2 (700IU/ml)	1000 ml	Lymphocytes	Activation Medium	FK
<b>01600P02</b>	AlyS505NK-AC, w/o IL-2	200 ml	NK Cells	Activation Medium	FK
<b>01610P02</b>	AlyS505NK-AC1000, IL-2(1, 000 IU/ml)	200 ml	NK Cells	Expansion Medium	FK
<b>01400P10</b>	Alys505NK-EX, w/o IL-2	1000 ml	NK Cells	Expansion Medium	FK
<b>01410P10</b>	Alys505NK-EX1000, IL-2(1, 000 IU/ml)	1000 ml	NK Cells	Expansion Medium	FK
<b>PB-820-500</b>	Astrocyte Basal Medium (500 ml)	500 ml	Astrocytes	Growth Medium, ready-to-use	AP
<b>PB-cAP-29</b>	Astrocyte Growth Medium	500 ml	Astrocytes	Growth Medium, ready-to-use	CA
<b>PB-821-500</b>	Astrocyte Growth Medium (500 ml)	500 ml	Astrocytes	Growth Medium	CA
<b>PB-821-GS</b>	Astrocyte Growth Supplements (50 ml)	50 ml	Astrocytes	Differentiation Medium	CA
<b>PB-813D-100A</b>	Astrocyte Stem Cell Differentiation Medium	100 ml	Astrocytes	Growth Medium, ready-to-use	CA
<b>PB-217-500</b>	Bladder Epithelial Cell Growth Medium	500 ml	Bladder Epithelial Cells	Growth Medium	CA
<b>PB-614-250</b>	Blood Cell Basal Medium (250 ml)	250 ml	Blood Cells	Growth Medium	CA
<b>PB-615-250</b>	Blood Cell Growth Medium (250 ml)	250 ml	Blood Cells	Growth Medium	CA
<b>PB-615K-250</b>	Blood Cell Growth Medium Kit (250 ml)	Yields 250 ml	Blood Cells	Differentiation Medium	CA
<b>PB-510-500</b>	Bronchial/Tracheal Epithelial Cell Basal Medium (500 ml)	500 ml	Bronchial/Tracheal Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-511-500</b>	Bronchial/Tracheal Epithelial Cell Growth Medium (500 ml)	500 ml	Bronchial/Tracheal Epithelial Cells	Growth Medium	CA

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-511K-500</b>	Bronchial/Tracheal Epithelial Cell Growth Medium Kit (500 ml)	yields 500 ml	Bronchial/Tracheal Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-511B-500</b>	Bronchial/Tracheal Epithelial Cell Growth Medium without BPE	500 ml	Bronchial/Tracheal Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-511-GS</b>	Bronchial/Tracheal Epithelial Cell Growth Supplement (5 ml)	5 ml (4 parts)	Bronchial/Tracheal Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-511BHI-500</b>	Bronchial/Tracheal Epithelial Cell Growth Medium without BPE, Hydrocortisone, Insulin (500 ml)	500 ml	Bronchial/Tracheal Epithelial Cells	Growth Medium	CA
<b>PB-110PR-500</b>	CADMEC™ Basal Medium without Phenol Red (500 ml)	500 ml	Dermal Microvascular Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-112-500</b>	CADMEC™ Growth Medium (500 ml) with Phenol Red	500 ml	Dermal Microvascular Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-112F-500</b>	CADMEC™ Growth Medium (500 ml) without FBS with Phenol Red	500 ml	Dermal Microvascular Endothelial Cells	Growth Medium	CA
<b>PB-112K-500</b>	CADMEC™ Growth Medium Kit (500 ml) with Phenol Red	yields 500 ml	Dermal Microvascular Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-112P-500</b>	CADMEC™ Growth Medium Phosphate-Free with Phenol Red	500 ml	Dermal Microvascular Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-315-500</b>	Cardiac Fibroblast Basal Medium	500 ml	Cardiac Fibroblast	Growth Medium, ready-to-use	CA
<b>PB-316-500</b>	Cardiac Fibroblast Growth Medium	500 ml	Cardiac Fibroblast	Growth Medium	CA
<b>PB-316-GS</b>	Cardiac Fibroblast Growth Supplement	50 ml	Cardiac Fibroblast	Growth Medium, ready-to-use	AP
<b>PB-GPF5567b</b>	Cell Culture Basal Medium - Glucose and Phenol Red Free	500 ml	Primary Cells	GMP grade Growth Medium	XC
<b>PB-YSP002</b>	CellCor™ CD serum-free chemically defined MSC Media (GMP)	500 ml	Mesenchymal Stem Cells	Growth Medium	PB
<b>PB-C-MH-100-2199-d</b>	Cellovations Endothelial Cell Growth Medium Kit enhanced, defined	500 mL	Endothelial Cells	Growth Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-C-MH-100-4099-d</b>	Cellovations Microvascular Endothelial Cell Growth Medium Kit enhanced, defined	500 mL	Microvascular Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-219-500</b>	Cervical Epithelial Cell Growth Medium	500 ml	Cervical Epithelial Cells	Growth Medium	CA
<b>PB-410PR-500</b>	Chondrocyte Basal Medium without Phenol Red (500 ml)	500 ml	Chondrocytes	Differentiation Medium	CA
<b>PB-411D-250</b>	Chondrocyte Differentiation Medium (250 ml)	250 ml	Chondrocytes	Growth Medium, ready-to-use	CA
<b>PB-411-500</b>	Chondrocyte Growth Medium (500 ml)	500 ml	Chondrocytes	Growth Medium	CA
<b>PB-411K-500</b>	Chondrocyte Growth Medium Kit (500 ml)	Yields 500 ml	Chondrocytes	Growth Medium	CA
<b>PB-411KPR-500</b>	Chondrocyte Growth Medium Kit without Phenol Red (500 ml)	yields 500 ml	Chondrocytes	Growth Medium, ready-to-use	CA
<b>PB-411A-500</b>	Chondrocyte Growth Medium without Antibiotics (500 ml)	500 ml	Chondrocytes	Growth Medium, ready-to-use	CA
<b>PB-411F-500</b>	Chondrocyte Growth Medium without FBS (500 ml)	500 ml	Chondrocytes	Growth Medium, ready-to-use	CA
<b>PB-411-GS</b>	Chondrocyte Growth Supplement (50 ml)	50 ml	Chondrocytes	Differentiation Medium	CA
<b>87-071</b>	CiMS-sXF <Xeno-free supplement for CiMS-BM>	10 ml	Mesenchymal Stem Cells	Growth Medium	PB
<b>PB-C-MH-895-0099-d</b>	Co-Culture Growth Medium AE Kit (Adipocyte - Endothelial Cell)	500 ml	Adipocyte & Endothelial Cells	Growth Medium	PB
<b>PB-MH-800-9999</b>	Co-Culture Growth Medium EF Kit (HUVEC-Fibroblast)	500 ml	Endothelial Cells & Fibroblast	Growth Medium, ready-to-use	CA
<b>PB-7115-500</b>	Colonic Fibroblast Growth Medium	500 ml	Colon Fibroblast	Growth Medium	CA
<b>PB-7115-GS</b>	Colonic Fibroblast Growth Supplement	15 ml	Colon Fibroblast	Growth Medium	CB
<b>PB-GPF5567</b>	Complete Cell Culture Medium (Without Glucose and Phenol Red)/w Kit	500 ml	Primary Cells	Growth Medium	CB
<b>PB-GPF1168</b>	Complete Endothelial Cell Medium (Without Glucose and Phenol Red)/w Kit	500 ml	Endothelial Cells	Growth Medium	CB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-H1168</b>	Complete Human Endothelial Cell Medium /w Kit	500 ml	Endothelial Cells	Growth Medium	CB
<b>PB-H6621PF</b>	Complete Human Epithelial Cell Medium (No Phenol Red) /w Kit – 500 ML	500 ml	Epithelial Cells	Growth Medium	CB
<b>PB-H6621</b>	Complete Human Epithelial Cell Medium /w Kit	500 ml	Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-220-500</b>	Corneal Epithelial Cell Basal Medium	500 ml	Corneal Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-221-500</b>	Corneal Epithelial Cell Growth Medium	500 ml	Corneal Epithelial Cells	Growth Medium	CA
<b>PB-221K-500</b>	Corneal Epithelial Cell Growth Medium Kit	yields 500 ml	Corneal Epithelial Cells	Growth Medium	PB
<b>PB-MH-360-8690</b>	Corneal Epithelial Cell Growth Medium Kit classic, low BPE	500 ml	Epithelial Cells	Growth Medium	PB
<b>PB-C-MH-360-8690</b>	Corneal Epithelial Cell Growth Medium Kit enhanced, defined	500 ml	Epithelial Cells	Growth Medium	PB
<b>PB-C-MH-360-8699</b>	Corneal Epithelial Cell Growth Medium Kit, defined	500 mL	Epithelial Cells	Growth Medium	PB
<b>PB-cAP-03</b>	ENDO-Basal Medium	500 ml	Endothelial Cells	Growth Medium	AP
<b>PB-210PR-500</b>	Endothelial Cell Basal Medium without Phenol Red (500 ml)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-211PR-500</b>	Endothelial Cell Growth Medium without Phenol Red (500 ml)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-211-500</b>	Endothelial Cell Growth Medium (500 ml)	500 ml	Endothelial Cells	Growth Medium	CA
<b>PB-211K-500</b>	Endothelial Cell Growth Medium Kit (500 ml)	yields 500 ml	Endothelial Cells	Growth Medium	PB
<b>PB-MH-100-2190</b>	Endothelial Cell Growth Medium Kit classic	500 ml	Endothelial Cells	Growth Medium	PB
<b>PB-MH-100-2190-GFP</b>	Endothelial Cell Growth Medium Kit classic (GFP/RFP)	500 ml	Endothelial Cells	Growth Medium	PB
<b>PB-MH-100-2199</b>	Endothelial Cell Growth Medium Kit enhanced	500 ml	Endothelial Cells	Growth Medium	PB
<b>PB-MH-100-2199-GFP</b>	Endothelial Cell Growth Medium Kit enhanced (GFP/RFP)	500 ml	Endothelial Cells	Growth Medium	CA

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-211KPR-500</b>	Endothelial Cell Growth Medium Kit without Phenol Red (500 ml)	yields 500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-211A-500</b>	Endothelial Cell Growth Medium without Antibiotics (500 ml)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-211F-500</b>	Endothelial Cell Growth Medium without FBS (500 ml)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-211F-GS</b>	Endothelial Cell Growth Supplement without FBS (15 ml)	5 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-113-500</b>	Endothelial Cell Serum-Free Defined Medium (500 ml) with Phenol Red	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-113PR-500</b>	Endothelial Cell Serum-Free Defined Medium without Phenol Red (500 ml)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-114-500</b>	Endothelial Cell Serum-Free, Growth Factor-Free Medium (500 ml) with Phenol Red	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-114PR-500</b>	Endothelial Cell Serum-Free, Growth Factor-Free Medium without Phenol Red (500 ml)	500 ml	Endothelial Cells	Starvation Medium	CA
<b>PB-209-250</b>	Endothelial Cell Starvation Medium with Phenol Red (250 ml)	250 ml	Endothelial Cells	Starvation Medium	CA
<b>PB-209PR-250</b>	Endothelial Cell Starvation Medium without Phenol Red (250 ml)	250 ml	Endothelial Cells	Growth Medium	CA
<b>PB-213K-500</b>	Endothelial Cells Growth Medium V2 Kit, 500 ml	500 ml	Endothelial Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-02</b>	Endothelial Growth Medium (EGM)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	AP
<b>PB-214-500</b>	Epi Cell Basal Medium (500 ml)	500 ml	Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-215-500</b>	Epi Cell Growth Medium (500 ml)	500 ml	Epithelial Cells	Growth Medium	CA
<b>PB-cAP-45B</b>	Epithelial Basal Medium (EpBM)	500 ml	Epithelial Cells	Differentiation Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-DH-300-0009-rtu</b>	Epithelial Cell Differentiation Medium (ready-to-use)	500 ml (frozen)	Epithelial Cells	Growth Medium	PB
<b>PB-MH-300-0090</b>	Epithelial Cell Medium Kit classic	500 ml	Epithelial Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-45</b>	Epithelial Growth Medium (EpGM)	500 ml	Epithelial Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-45C</b>	Epithelial Growth Medium (EpGM) formulation-B	500 ml	Epithelial Cells	Growth Medium	CY
<b>PB-BH-400-0090</b>	Fibroblast Basal Medium w/o Glutamine	500 ml	Fibroblast	Growth Medium, ready-to-use	CA
<b>PB-116-500</b>	Fibroblast Growth Medium (500 ml)	500 ml	Fibroblast	Growth Medium, ready-to-use	AP
<b>PB-cAP-44</b>	Fibroblast Growth Medium (FGM)	500 ml	Fibroblast	Growth Medium	CA
<b>PB-116K-500</b>	Fibroblast Growth Medium Kit (500 ml)	yields 500 ml	Fibroblast	Growth Medium	PB
<b>PB-MH-400-9090</b>	Fibroblast Growth Medium Kit classic	500 ml	Fibroblast	Growth Medium	PB
<b>PB-C-MH-400-9099-d</b>	Fibroblast Growth Medium Kit defined	500 mL	Fibroblast	Growth Medium	PB
<b>PB-MH-400-9099</b>	Fibroblast Growth Medium Kit enhanced	500 ml	Fibroblast	Growth Medium, ready-to-use	CA
<b>PB-C-SH-400-9099-d</b>	Fibroblast Growth Supplement Kit enhanced, defined	1 kit	Fibroblast	Growth Medium ready-to-use	CA
<b>PB-716DC-50</b>	GI Epithelial Cell Defined Culture Medium	50 ml	Gastrointestinal Epithelial Cells	Growth Medium	CA
<b>PB-610-500</b>	Hair Follicle Dermal Papilla Cell Basal Medium (500 ml)	500 ml	Hair Follicle Dermal Papilla Cells	Growth Medium, ready-to-use	CA
<b>PB-611-500</b>	Hair Follicle Dermal Papilla Cell Growth Medium (500 ml)	500 ml	Hair Follicle Dermal Papilla Cells	Growth Medium	CA
<b>PB-611K-500</b>	Hair Follicle Dermal Papilla Cell Growth Medium Kit (500 ml)	yields 500 ml	Hair Follicle Dermal Papilla Cells	Growth Medium, ready-to-use	CA
<b>PB-611F2-500</b>	Hair Follicle Dermal Papilla Cell Growth Medium with 2% FBS (500 ml)	500 ml	Hair Follicle Dermal Papilla Cells	Growth Medium, ready-to-use	CA
<b>PB-611F-500</b>	Hair Follicle Dermal Papilla Cell Growth Medium without FBS (500 ml)	500 ml	Hair Follicle Dermal Papilla Cells	Growth Medium, ready-to-use	CA
<b>PB-611-GS</b>	Hair Follicle Dermal Papilla Cell Growth Supplement (30 ml)	30 ml	Hair Follicle Dermal Papilla Cells	Differentiation Medium	CA

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-411DPR-250</b>	HC Differentiation Medium wo Phenol Red	250 ml	Chondrocytes	Conditioning Medium	CA
<b>PB-6110-500</b>	HCK Basal Medium	500 ml	Corneal Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-6111-500</b>	HCK Growth Medium	500 ml	Corneal Keratinocytes	Growth Medium	CA
<b>PB-6111-GS</b>	HCK Growth Medium Supplement	50 ml	Corneal Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-116XF-500</b>	HDF Growth Medium Kit, Xeno-free	500 ml	Fibroblast	Growth Medium, ready-to-use	AP
<b>PB-cAP-66</b>	Hepatocyte Expansion Medium	500 ml	Hepatocytes	Growth Medium	FK
<b>IFP0501</b>	HFDm-1 Medium <Synthetic medium for human fibroblast>	500 ml	Fibroblast	Growth Medium	FK
<b>2101P10</b>	HFDm-1(-) Medium	1000 ml	Dermal Fibroblast	Growth Medium	FK
<b>2101P05</b>	HFDm-1(-) Medium	500 ml	Dermal Fibroblast	Growth Medium	FK
<b>2102P10</b>	HFDm-1(+) Medium	1000 ml	Dermal Fibroblast	Growth Medium	FK
<b>2102P05</b>	HFDm-1(+) Medium	500 ml	Dermal Fibroblast	Starvation Medium	CA
<b>PB-621-CS</b>	HHSC Culture Supplement	5 ml (3 Parts)	CD34+ Cells	Growth Medium, ready-to-use	CA
<b>PB-015-500</b>	HiPSC Growth Medium	500 ml	iPS Cells	Growth Medium	CA
<b>PB-015XFK-500</b>	HiPSC Growth Medium Kit xeno-free	500 ml	iPS Cells	Growth Medium, ready-to-use	CA
<b>PB-515-500</b>	HLF Basal Medium	500 ml	Lung Fibroblast	Growth Medium, ready-to-use	CA
<b>PB-516-500</b>	HLF Growth Medium	500 ml	Lung Fibroblast	Growth Medium	CA
<b>PB-516-GS</b>	HLF Growth Supplement	15 ml	Lung Fibroblast	Growth Medium	CA
<b>PB-111KS-500</b>	HMVEC Growth Medium Kit, components separate	Yields 500 ml	Microvascular Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-111PR-500</b>	HMVEC Growth Medium wo Phenol Red	500 ml	Microvascular Endothelial Cells	Differentiation Medium	CA
<b>PB-417D-25</b>	HOOb Differentiation Medium	25 ml	Osteoblast	Differentiation Medium	CA
<b>PB-cAP-33B</b>	HRPECs Basal Medium	500 ml	Retinal Epithelial Cells	Growth Medium, ready-to-use	AP
<b>PB-630-500</b>	HTMC Basal Medium	500 ml	Trabecular Meshwork Cells	Growth Medium, ready-to-use	CA
<b>PB-631-500</b>	HTMC Growth Medium	500 ml	Trabecular Meshwork Cells	Growth Medium	CA
<b>PB-631-GS</b>	HTMC Growth Supplement	50 ml	Trabecular Meshwork Cells	Growth Medium	CY

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>HUXMA-90011</b>	Human (Adult) Bone Marrow Mesenchymal Stem Cell Complete Medium	500 ml	Mesenchymal Stem Cells	Growth Medium	CY
<b>HUXMF-90011</b>	Human (Fetal) Bone Marrow Mesenchymal Stem Cells Complete Medium	500 ml	Mesenchymal Stem Cells	Differentiation Medium	CA
<b>PB-811D-250</b>	Human Adipocyte Differentiation Medium (ready to use)	250 ml	Preadipocytes	Differentiation Medium	CA
<b>PB-811DS-250</b>	Human Adipocyte Differentiation Medium, Component Kit	yields 250 ml	Preadipocytes	Maintenance Medium	CA
<b>PB-811M-250</b>	Human Adipocyte Maintenance Medium (250 ml)	250 ml	Adipocytes	Maintenance Medium	CA
<b>PB-811Mi-250</b>	Human Adipocyte Maintenance Medium w/o Insulin	250 ml	Adipocytes	Starvation Medium	CA
<b>PB-811S-250</b>	Human Adipocyte Starvation Medium (250 ml)	250 ml	Adipocytes	Differentiation Medium	CY
<b>HUXMD-90031</b>	Human Adipose Mesenchymal Stem Cells Adipogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXMD-90041</b>	Human Adipose-derived Mesenchymal Stem Cells Chondrogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXMD-90021</b>	Human Adipose-derived Mesenchymal Stem Cells Osteogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Growth Medium	CY
<b>HUXMD-90011</b>	Human Adipose-derived Stem Cell Growth Medium	500 ml	Mesenchymal Stem Cells	Growth Medium	CY
<b>HUXMD-90061</b>	Human Adipose-derived Stem Cell Growth Medium, serum-free, (type 1)	500 ml	Mesenchymal Stem Cells	Growth Medium, ready-to-use	PB
<b>PB-MH-719-0000-rtu</b>	Human Astrocyte Growth Medium (ready-to-use)	500 ml	Astrocytes	Growth Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-MH-355-0090</b>	Human Bladder Epithelial Cell Medium Kit classic	500 ml	Bladder Epithelial Cells	Growth Medium	PB
<b>PB-615-CS</b>	Human Blood Cell Culture Supplement	40 ml	Blood Cells	Differentiation Medium	CY
<b>HUXMX-90041</b>	Human Bone Marrow Mesenchymal Stem Cell Chondrogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXMX-90031</b>	Human Bone Marrow Mesenchymal Stem Cells Adipogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXMX-90021</b>	Human Bone Marrow Mesenchymal Stem Cells Osteogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Growth Medium, ready-to-use	CA
<b>PB-817-100</b>	Human Brain Neuron Culture Medium	100 ml	Neurons	Growth Medium, ready-to-use	CA
<b>PB-511A-500</b>	Human Bronchial/Tracheal Epithelial Cell Growth Medium w/o Antibiotics	500 ml	Bronchial/Tracheal Epithelial Cells	Differentiation Medium	CA
<b>PB-017DK</b>	Human Cardiomyocyte Differentiation Media Kit	1 kit	Cardiomyocytes	Maintenance Medium	CA
<b>PB-021-100</b>	Human Cardiomyocyte Maintenance Medium	100 ml	Cardiomyocytes	Maintenance Medium	CA
<b>PB-021-50</b>	Human Cardiomyocyte Maintenance Medium	50 ml	Cardiomyocytes	Plating Medium	CA
<b>PB-021P-10</b>	Human Cardiomyocyte Plating Medium	10 ml	Cardiomyocytes	Plating Medium	CA
<b>PB-622-50</b>	Human Dendritic Cells Basal Medium	50 ml	Dendritic Cells	Growth Medium ready-to-use	CA
<b>PB-623-50</b>	Human Dendritic Cells Culture Medium	50 ml	Dendritic Cells	Growth Medium	CA
<b>PB-623-CS</b>	Human Dendritic Cells Culture Supplement	6 ml	Dendritic Cells	Growth Medium, ready-to-use	AP

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-cAP-63</b>	Human Dopaminergic Neuron Cell Growth Medium	500 ml	Neurons	Growth Medium	CA
<b>PB-213KS-500</b>	Human EC Growth Medium Kit V2, components separate	Yields 500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-213F-500</b>	Human EC Growth Medium V2 without FBS	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-213-500</b>	Human ECI Growth Medium V2	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-213-GS</b>	Human ECI Growth Supplement V2	15 ml	Endothelial Cells	Growth Medium	CY
<b>PB-H1168b</b>	Human Endothelial Cell Basal Medium	500 ml	Endothelial Cells	Growth Medium	CB
<b>PB-H1168-Kit</b>	Human Endothelial Cell Medium Supplement Kit Only	1 kit	Endothelial Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-02-XF</b>	Human Endothelial Growth Medium (EGM) Xeno Free	1.0 Frozen Vial	Endothelial Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-02-SF2</b>	Human Endothelial Growth Medium-Serum Free Formulation 1 (EGM-SF1)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	AP
<b>PB-132-500</b>	Human Epidermal Cell Basal Medium	500 ml	Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-131-500</b>	Human Epidermal Cell Growth Medium	500 ml	Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-131-500a</b>	Human Epidermal Cell Growth Medium	500 ml	Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-133-500</b>	Human Epidermal Cell Growth Medium	500 ml	Keratinocytes	Growth Medium	CA
<b>PB-131K-500</b>	Human Epidermal Cell Growth Medium Kit	500 ml	Keratinocytes	Growth Medium	CA
<b>PB-131K-500a</b>	Human Epidermal Cell Growth Medium Kit	500 ml	Keratinocytes	Growth Medium	CA
<b>PB-133K-500</b>	Human Epidermal Cell Growth Medium Kit	500 ml	Keratinocytes	Growth Medium	CA
<b>PB-141DGM-GS</b>	Human EpiVita Defined Growth Supplement	5 ml	Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-141DGM-500</b>	Human EpiVita Defined Medium	500 ml	Keratinocytes	Growth Medium	CA
<b>PB-141DGMK-500</b>	Human EpiVita Defined Medium Kit	Yields 500 ml	Keratinocytes	Growth Medium, ready-to-use	CA

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-141-500a</b>	Human EpiVita Serum-Free Growth Medium for Adult Cells	500 ml	Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-141-500</b>	Human EpiVita Serum-Free Growth Medium for Neonatal Cells	500 ml	Keratinocytes	Growth Medium	CA
<b>PB-141K-500a</b>	Human EpiVita Serum-Free Growth Medium Kit for Adult Cells	Yields 500 ml	Keratinocytes	Growth Medium	CA
<b>PB-141-GS</b>	Human EpiVita Serum-Free Growth Supplement for Neonatal Cells	5 ml	Keratinocytes	Growth Medium, ready-to-use	CA
<b>PB-141XF-500</b>	Human EpiVita Xeno-Free Growth Medium	500 ml	Keratinocytes	Growth Medium	CA
<b>PB-7112-500</b>	Human Gall Bladder Fibroblast Basal Medium	500 ml	Gall Bladder Fibroblast	Growth Medium, ready-to-use	CA
<b>PB-7113-500</b>	Human Gall Bladder Fibroblast Growth Medium	500 ml	Gall Bladder Fibroblast	Growth Medium	CA
<b>PB-620-50</b>	Human Hematopoietic Stem Cell Basal Medium	50 ml	CD34+ Cells	Growth Medium ready-to-use	CA
<b>PB-621-50</b>	Human Hematopoietic Stem Cell Culture Medium	50 ml	CD34+ Cells	Growth Medium, ready-to-use	CA
<b>PB-7111-500</b>	Human Hepatic (Duct) Fibroblast Growth Medium	500 ml	Liver Fibroblast	Growth Medium	CA
<b>PB-7116-500</b>	Human Hepatic Stellate Cells Basal Medium	500 ml	Stellate Cells	Growth Medium, ready-to-use	CA
<b>PB-7117-500</b>	Human Hepatic Stellate Cells Growth Medium	500 ml	Stellate Cells	Growth Medium	CA
<b>PB-7117-GS</b>	Human Hepatic Stellate Cells Growth Medium Supplement	50 ml	Stellate Cells	Maintenance Medium	PB
<b>PB-MH-053-5900-3DM-250</b>	Human Hepatocyte 3D Maintenance Medium	250 ml	Hepatocytes	Maintenance Medium	PB
<b>PB-MH-053-5900-3DM-50</b>	Human Hepatocyte 3D Maintenance Medium	50 ml	Hepatocytes	Maintenance Medium	PB
<b>PB-MH-053-5900-3DM-500</b>	Human Hepatocyte 3D Maintenance Medium	500 ml	Hepatocytes	Plating Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-MH-053-5900-3DP-250</b>	Human Hepatocyte 3D Plating Medium	250 ml	Hepatocytes	Plating Medium	PB
<b>PB-MH-053-5900-3DP-50</b>	Human Hepatocyte 3D Plating Medium	50 ml	Hepatocytes	Plating Medium	PB
<b>PB-MH-053-5900-3DP-500</b>	Human Hepatocyte 3D Plating Medium	500 ml	Hepatocytes	Maintenance Medium	PB
<b>PB-MH-053-5900-M-250</b>	Human Hepatocyte Maintenance Medium	250 ml	Hepatocytes	Maintenance Medium	PB
<b>PB-MH-053-5900-M-50</b>	Human Hepatocyte Maintenance Medium	50 ml	Hepatocytes	Maintenance Medium	PB
<b>PB-MH-053-5900-M-500</b>	Human Hepatocyte Maintenance Medium	500 ml	Hepatocytes	Medium Set	PB
<b>PB-MH-053-5990-2D-TPM</b>	Human Hepatocyte Medium 2D Kit for 1 plate (Thawing, Plating & Maintenance)	Kit	Hepatocytes	Medium Set	PB
<b>PB-MH-053-5990-2D-TP</b>	Human Hepatocyte Medium 2D Thawing and Plating Kit for 1 plate	Kit	Hepatocytes	Medium Set	PB
<b>PB-MH-053-5990-3D-TPM</b>	Human Hepatocyte Medium 3D Kit for 1 plate (Thawing, Plating & Maintenance)	Kit	Hepatocytes	Medium Set	PB
<b>PB-MH-053-5990-3D-TP</b>	Human Hepatocyte Medium 3D Thawing and Plating Kit for 1 plate	Kit	Hepatocytes	Maintenance Medium	PB
<b>PB-MH-053-5990-2D</b>	Human Hepatocyte Medium Kit 2D	500 ml	Hepatocytes	Maintenance Medium	PB
<b>PB-MH-053-5990-3D</b>	Human Hepatocyte Medium Kit 3D	500 ml	Hepatocytes	Plating Medium	PB
<b>PB-MH-053-5900-P-250</b>	Human Hepatocyte Plating Medium	250 ml	Hepatocytes	Plating Medium	PB
<b>PB-MH-053-5900-P-50</b>	Human Hepatocyte Plating Medium	50 ml	Hepatocytes	Plating Medium	PB
<b>PB-MH-053-5900-P-500</b>	Human Hepatocyte Plating Medium	500 ml	Hepatocytes	Thawing Medium	PB
<b>PB-MH-053-5900-T-250</b>	Human Hepatocyte Thawing Medium	250 ml	Hepatocytes	Thawing Medium	PB
<b>PB-MH-053-5900-T-50</b>	Human Hepatocyte Thawing Medium	50 ml	Hepatocytes	Thawing Medium	PB
<b>PB-MH-053-5900-T-500</b>	Human Hepatocyte Thawing Medium	500 ml	Hepatocytes	Growth Medium	CA
<b>PB-015K-500</b>	Human Induced Pluripotent Stem Cell (HiPSC) Growth Medium Kit	Yields 500 ml	iPS Cells	Growth Medium, frozen	AP

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-cAP-49</b>	Human iPSC Culture Medium (Xeno-Free Serum-Free)-Stable	500 ml	iPS Cells	Maintenance Medium	PB
<b>PB-MH-053-9600-250</b>	Human Kupffer Cell Medium	250 ml	Kupffer Cells	Maintenance Medium	PB
<b>PB-MH-053-9600-50</b>	Human Kupffer Cell Medium	50 ml	Kupffer Cells	Maintenance Medium	PB
<b>PB-MH-053-9600-500</b>	Human Kupffer Cell Medium	500 ml	Kupffer Cells	Growth Medium	PB
<b>PB-MH-053-0000-G50</b>	Human Liver NPC Medium	50 ml	Non-Parenchymal Cells	Growth Medium	PB
<b>PB-MH-053-5700-250</b>	Human Liver Stellate Cell Medium	250 ml	Stellate Cells	Growth Medium	PB
<b>PB-MH-053-5700-50</b>	Human Liver Stellate Cell Medium	50 ml	Stellate Cells	Growth Medium	PB
<b>PB-418sf-500</b>	Human Marrow Stromal Cell Serum-Free Basal Medium	500 ml	Marrow Stromal Cells	Growth Medium, ready-to-use	CA
<b>PB-419sf-500</b>	Human Marrow Stromal Cell Serum-Free Growth Medium	500 ml	Marrow Stromal Cells	Growth Medium	CA
<b>PB-418xf-500</b>	Human Marrow Stromal Cell Xeno-Free Basal Medium	500 ml	Marrow Stromal Cells	Growth Medium, ready-to-use	CA
<b>PB-419xf-500</b>	Human Marrow Stromal Cell Xeno-Free Growth Medium	500 ml	Marrow Stromal Cells	Growth Medium	CA
<b>PB-419xf-GS</b>	Human Marrow Stromal Cell Xeno-Free Growth Supplement	5 ml	Marrow Stromal Cells	Growth Medium	CY
<b>HUXMX-90011</b>	Human Mesenchymal Stem Cell Growth Medium	1 kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXMX-90101</b>	Human Mesenchymal Stem Cell Hepatogenic Differentiation Medium	1 kit	Mesenchymal Stem Cells	Growth Medium, ready-to-use	CA
<b>PB-212F-GS</b>	Human Meso Endo Growth Supplement wo FBS	30 ml	Endothelial Cells	Differentiation Medium, ready-to-use	CA
<b>PB-813D-250</b>	Human Neural Stem Cell Differentiation Medium	250 ml	Neural Stem Cells	Growth Medium, ready-to-use	AP
<b>PB-817-CS</b>	Human Neuron Culture Supplement	3 ml (4 parts)	Neurons	Plating Medium	CA
<b>PB-817P-10</b>	Human Neuron Plating Medium	10 ml	Neural Cells	Differentiation Medium, ready-to-use	AP

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-cAP-59</b>	Human NPC Differentiation Medium, Astrocyte Lineage	100 ml	Neural Progenitors	Differentiation Medium, ready-to-use	AP
<b>PB-cAP-60</b>	Human NPC Differentiation Medium, Neuron Lineage	100 ml	Neural Progenitors	Differentiation Medium, ready-to-use	AP
<b>PB-cAP-61</b>	Human NPC Differentiation Medium, Oligodendrocyte Lineage	100 ml	Neural Progenitors	Thawing medium	PB
<b>PB-810-500</b>	Human Preadipocyte Basal Medium (500 ml)	500 ml	Preadipocytes	Growth Medium, ready-to-use	CA
<b>PB-811-500</b>	Human Preadipocyte Growth Medium (500 ml)	500 ml	Preadipocytes	Growth Medium	CA
<b>PB-811-GS</b>	Human Preadipocyte Growth Supplement (50 ml)	55 ml	Preadipocytes	Differentiation Medium	CY
<b>HUXXC-90041</b>	Human Related Mesenchymal Stem Cell Chondrogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXXC-90031</b>	Human Related Mesenchymal Stem Cells Adipogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXXC-90021</b>	Human Related Stem Cells Osteogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Growth Medium	CY
<b>HUXUB-90011</b>	Human Umbilical Cord Blood Mesenchymal Stem Cell Growth Medium	500 ml	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXUC-90041</b>	Human Umbilical Cord Mesenchymal Stem Cell Chondrogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Growth Medium	CY
<b>HUXUC-90011</b>	Human Umbilical Cord Mesenchymal Stem Cell Growth Medium	500 ml	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>HUXUC-90031</b>	Human Umbilical Cord Mesenchymal Stem Cells Adipogenic Differentiation Kit	Kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>PB-211CM-05</b>	HUVEC Conditioning Medium (5 ml)	5 ml	Endothelial Cells	Growth Medium ready-to-use	CA

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-i813-50</b>	i-HNSC Growth Medium	50 ml	iPS derived Neural Stem Cells	Growth Medium	CA
<b>PB-i813K-50</b>	i-HNSC Growth Medium	50 ml	iPS derived Neural Stem Cells	Differentiation Medium, ready-to-use	PB
<b>PB-C-DH-300-2199-rtu</b>	Keratinocyte Differentiation Medium, defined (ready-to-use)	500 ml	Keratinocytes	Growth Medium	PB
<b>PB-C-MH-300-1099-d</b>	Keratinocyte Growth Medium enhanced, defined , AF (ready-to-use)	500 mL (frozen)	Keratinocytes	Growth Medium	PB
<b>PB-C-MH-300-1099</b>	Keratinocyte Growth Medium Kit enhanced, defined	500 mL	Keratinocytes	Growth Medium	PB
<b>PB-MH-300-1099</b>	Keratinocyte Growth Medium Kit, low BPE	500 ml	Keratinocytes	Growth Medium	PB
<b>PB-MH-352-0090</b>	Kidney Epithelial Cell Growth Medium Kit classic	500 ml	Epithelial Cells	Growth Medium	PB
<b>PB-814-500</b>	Mammary Epithelial Cell Basal Medium (500 ml)	500 ml	Mammary Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-815-500</b>	Mammary Epithelial Cell Growth Medium (500 ml)	500 ml	Mammary Epithelial Cells	Growth Medium	CA
<b>PB-815K-500</b>	Mammary Epithelial Cell Growth Medium Kit (500 ml)	yields 500 ml	Mammary Epithelial Cells	Growth Medium	PB
<b>PB-MH-359-0090</b>	Mammary Epithelial Cell Growth Medium, classic Kit	500 ml	Epithelial Cells	Growth Medium	PB
<b>PB-418-500</b>	Marrow Stromal Cell Basal Medium (500 ml)	500 ml	Marrow Stromal Cells	Growth Medium, ready-to-use	CA
<b>PB-419-500</b>	Marrow Stromal Cell Growth Medium (500 ml)	500 ml	Marrow Stromal Cells	Growth Medium	CA
<b>PB-419K-500</b>	Marrow Stromal Cell Growth Medium Kit (500 ml)	Yields 500 ml	Marrow Stromal Cells	Growth Medium, ready-to-use	CA
<b>PB-134-500</b>	Melanocyte Basal Medium (500 ml)	500 ml	Melanocytes	Differentiation Medium, ready-to-use	PB
<b>PB-DH-300-1109-rtu</b>	Melanocyte Differentiation Medium (ready-to-use)	250 ml (frozen)	Melanocytes	Growth Medium, ready-to-use	CA
<b>PB-135-500</b>	Melanocyte Growth Medium (500 ml)	500 ml	Melanocytes	Growth Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-MH-300-1109-rtu</b>	Melanocyte Growth Medium (ready-to-use)	500 ml	Melanocytes	Growth Medium	CA
<b>PB-135K-500</b>	Melanocyte Growth Medium Kit (500 ml)	Yields 500 ml	Melanocytes	Growth Medium, ready-to-use	CA
<b>PB-135FH-500</b>	Melanocyte Growth Medium w/o FBS or Hydrocortisone	500 ml	Melanocytes	Growth Medium, ready-to-use	CA
<b>PB-135-GS</b>	Melanocyte Growth Supplement (5 ml-3 parts)	5 ml (3 parts)	Melanocytes	Homeostasis Medium, ready-to-use	PB
<b>PB-cAP-36</b>	Mesenchymal Stem Cell (MSC) Basal Medium (MSCBM)	500 ml	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>GUXMX-90031</b>	Mesenchymal Stem Cell Adipogenic Differentiation Medium	1 kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>PB-BH-675-0511</b>	Mesenchymal Stem Cell Basal Medium	500 ml	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>GUXMX-90041</b>	Mesenchymal Stem Cell Chondrogenic Differentiation Medium	1 kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>PB-DH-675-ch-200</b>	Mesenchymal Stem Cell Chondrogenic Differentiation Medium	1 kit	Mesenchymal Stem Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-35</b>	Mesenchymal Stem Cell Growth Medium (MSCGM)	500 ml	Mesenchymal Stem Cells	Growth Medium	PB
<b>PB-C-SH-675-0511-XF</b>	Mesenchymal Stem Cell Growth Supplement enhanced, xeno-free	25 ml	Mesenchymal Stem Cells	Growth Medium	PB
<b>PB-C-MH-675-0511-XF</b>	Mesenchymal Stem Cell Medium Kit, enhanced, xeno-free	500 ml kit	Mesenchymal Stem Cells	Differentiation Medium	CY
<b>GUXMX-90021</b>	Mesenchymal Stem Cell Osteogenic Differentiation Medium	1 kit	Mesenchymal Stem Cells	Differentiation Medium	PB
<b>PB-DH-675-os-200</b>	Mesenchymal Stem Cell Osteogenic Differentiation Medium	1 kit	Mesenchymal Stem Cells	Growth Medium, ready-to-use	CA
<b>PB-212-500</b>	MesoEndo Cell Growth Medium (500 ml)	500 ml	Endothelial Cells	Growth Medium	CA
<b>PB-212K-500</b>	MesoEndo Cell Growth Medium Kit (500 ml)	Yields 500 ml	Endothelial Cells	Growth Medium	CA

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-212KPR-500</b>	MesoEndo Cell Growth Medium Kit without Phenol Red (500 ml)	yields 500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-212A-500</b>	MesoEndo Cell Growth Medium without Antibiotics (500 ml)	500 ml	Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-cAP-39</b>	Microglia Basal Medium (MgBM)	500 ml	Microglia Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-37</b>	Microglia Cell Medium (MgCM)	500 ml	Microglia Cells	Growth Medium, ready-to-use	PB
<b>PB-MH-715-0000-rtu</b>	Microglia Cell Medium (ready-to-use)	500 ml	Microglia Cells	Growth Medium, ready-to-use	AP
<b>PB-100-500</b>	Microvascular Endothelial Cell Basal Medium (500 ml)	500 ml	Dermal Microvascular Endothelial Cells	Growth Medium, ready-to-use	CA
<b>PB-111-500</b>	Microvascular Endothelial Cell Growth Medium (500 ml)	500 ml	Microvascular Endothelial Cells	Growth Medium	CA
<b>PB-111K-500</b>	Microvascular Endothelial Cell Growth medium Kit (500 ml)	Yields 500 ml	Microvascular Endothelial Cells	Growth Medium	PB
<b>PB-MH-100-4090</b>	Microvascular Endothelial Cell Growth Medium Kit classic	500 ml	Microvascular Endothelial Cells	Growth Medium	PB
<b>PB-MH-100-4090-GFP</b>	Microvascular Endothelial Cell Growth Medium Kit classic (GFP/RFP)	500 ml	Microvascular Endothelial Cells	Growth Medium	PB
<b>PB-816-100</b>	Neural Cell Basal Medium	100 ml	Neural Cells	Growth Medium	CA
<b>PB-817K-100</b>	Neural Cell Growth Medium	yields 100 ml	Neural Cells	Induction Medium, ready-to-use	AP
<b>PB-cAP-56</b>	Neural Induction Medium	100 ml	Neural Cells	Growth Medium, ready-to-use	AP
<b>PB-812-250</b>	Neural Stem Cell Basal Medium (250 ml)	250 ml	Neural Stem Cells	Differentiation Medium, ready-to-use	CA
<b>PB-813D-100N</b>	Neural Stem Cell Differentiation Medium	100 ml	Neural Stem Cells	Growth Medium, ready-to-use	CA
<b>PB-813-250</b>	Neural Stem Cell Growth Medium (250 ml)	250 ml	Neural Stem Cells	Growth Medium	CA
<b>PB-813-GS</b>	Neural Stem Cell Growth Supplement (7 ml)	7 ml (3 parts)	Neural Stem Cells	Growth Medium	ReproCell

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>RCDN101</b>	Neuro Culture Medium	40 mL	iPS derived Cells	MQ Medium	ReproCell
<b>RCDN102</b>	Neuro MQ Medium	40 mL	iPS derived Cells	Defined, xeno-free & serum-free Medium	Stemgent
<b>PB-813D-1000</b>	Oligodendrocyte Stem Cell Differentiation Medium	100 ml	Oligodendrocytes	Growth Medium	PB
<b>PB-C-MH-341-7499</b>	Oral Epithelial Cell Growth Medium Kit, defined	500 mL	Epithelial Cells	Growth Medium	PB
<b>PB-416-500</b>	Osteoblast Basal Medium (500 ml)	500 ml	Osteoblast	Differentiation Medium	CA
<b>PB-417D-250</b>	Osteoblast Differentiation Medium Kit (250 ml)	250 ml	Osteoblast	Growth Medium, ready-to-use	CA
<b>PB-417-500</b>	Osteoblast Growth Medium (500 ml)	500 ml	Osteoblast	Growth Medium	CA
<b>PB-417K-500</b>	Osteoblast Growth Medium Kit (500 ml)	yields 500 ml	Osteoblast	Growth Medium, ready-to-use	CA
<b>PB-417-GS</b>	Osteoblast Growth Supplement (50 ml)	50 ml	Osteoblast	Growth Medium, ready-to-use	CA
<b>PB-616-500</b>	Outer Root Sheath Keratinocyte Basal Medium	500 ml	Outer Root Sheath Keratinocytes	Growth Medium	CA
<b>PB-3110-500</b>	Pericardial Fibroblast Basal Medium	500 ml	Pericardial Fibroblast	Growth Medium, ready-to-use	CA
<b>PB-3111-500</b>	Pericardial Fibroblast Growth Medium	500 ml	Pericardial Fibroblast	Growth Medium	CA
<b>PB-cAP-09C</b>	Pericyte Basal Medium	500 ml	Pericytes	Growth Medium, ready-to-use	AP
<b>PB-cAP-09</b>	Pericyte Growth Medium	500 ml	Pericytes	Growth Medium, ready-to-use	PB
<b>PB-MH-031-4000-rtu</b>	Pericyte Growth Medium (ready-to-use)	500 ml	Pericytes	Growth Medium, ready-to-use	AP
<b>PB-cAP-09S</b>	Pericyte Growth Supplement	50 ml	Pericytes	Growth Medium, ready-to-use	PB
<b>PB-cAP-47B</b>	Podocytes Basal Medium (PodBM)	500 ml	Podocytes	Growth Medium, ready-to-use	AP
<b>PB-cAP-47</b>	Podocytes Growth Medium (PodGM)	500 ml	Podocytes	Growth Medium	PB
<b>PB-MH-442-0090</b>	Preadipocyte Growth Medium	500 ml	Preadipocytes	Growth Medium	ReproCell
<b>PB-910-500</b>	RenaEpi Basal Medium (500 ml)	500 ml	Kidney Epithelial Cells	Growth Medium, ready-to-use	CA
<b>PB-911-500</b>	RenaEpi Growth Medium (500 ml)	500 ml	Kidney Epithelial Cells	Growth Medium	CA
<b>PB-911-GS</b>	RenaEpi Growth Supplements	5 ml (3 parts)	Kidney Epithelial Cells	Growth Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-C-MH-352-0096</b>	Renal Epithelial Cell Growth Medium Kit, defined	500 mL	Epithelial Cells	Growth Medium	ReproCell
<b>RCHEMD006</b>	ReproFF2 (500 mL)	500mL	ES/iPS Cells	Growth Medium	ReproCell
<b>RCHEMD005</b>	ReproStem (500 mL)	500 ml	ES/iPS Cells	Growth Medium, ready-to-use	PB
<b>IFP0150</b>	RITC80-7 Medium <Basal medium for human fibroblast>	500 ml	Fibroblast	Growth Medium, ready-to-use	AP
<b>PB-612-500</b>	Sebocyte Basal Medium	500 ml	Sebocytes	Growth Medium, ready-to-use	CA
<b>PB-613-500</b>	Sebocyte Growth Medium	500 ml	Sebocytes	Growth Medium	CA
<b>PB-613-GS</b>	Sebocyte Growth Supplement	60 ml	Sebocytes	Growth Medium	CY
<b>HUXUC-90061</b>	Serum Free Medium For Human Umbilical Cord Mesenchymal Stem Cells	500 ml	Mesenchymal Stem Cells	Growth Medium	CB
<b>PB-H1168SF</b>	Serum-Free Human Endothelial Cell Medium /w Kit	500 ml	Endothelial Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-62</b>	Serum-Free Medium	250 ml	Neural Progenitors	Growth Medium on Net Mold	FK
<b>PB-BH-272-0090</b>	Skeletal Muscle Cell Basal Medium w/o Glutamine	500 ml	Skeletal Muscle Cells	Differentiation Medium	CA
<b>PB-151D-250</b>	Skeletal Muscle Cell Differentiation Medium (250 ml)	250 ml	Skeletal Muscle Cells	Growth Medium, ready-to-use	CA
<b>PB-151-500</b>	Skeletal Muscle Cell Growth Medium (500 ml)	500 ml	Skeletal Muscle Cells	Growth Medium	PB
<b>PB-MH-272-0000</b>	Skeletal Muscle Cell Growth Medium classic	500 ml	Skeletal Muscle Cells	Growth Medium	CA
<b>PB-151K-500</b>	Skeletal Muscle Cell Growth Medium Kit (500 ml)	Yields 500 ml	Skeletal Muscle Cells	Growth Medium	PB
<b>PB-SH-272-0090</b>	Skeletal Muscle Cell Growth Supplement Kit classic	1 kit	Skeletal Muscle Cells	Starvation Medium	CA
<b>PB-151S-250</b>	Skeletal Muscle Cell Starvation Medium (250 ml)	250 ml	Skeletal Muscle Cells	Growth Medium, ready-to-use	CA
<b>PB-512-500</b>	Small Airway Epithelial Cell Growth Medium	500 ml	Small Airway Epithelial Cells	Growth Medium	CA
<b>PB-512-GS</b>	Small Airway Epithelial Cell Growth Supplement	5 ml	Small Airway Epithelial Cells	Growth Medium	PB

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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-310-500</b>	Smooth Muscle Cell Basal Medium (500 ml)	500 ml	Smooth Muscle Cells	Differentiation Medium	CA
<b>PB-311D-250</b>	Smooth Muscle Cell Differentiation Medium (250 ml)	250 ml	Smooth Muscle Cells	Growth Medium, ready-to-use	CA
<b>PB-311-500</b>	Smooth Muscle Cell Growth Medium (500 ml)	500 ml	Smooth Muscle Cells	Growth Medium	CA
<b>PB-311K-500</b>	Smooth Muscle Cell Growth Medium Kit (500 ml)	Yields 500 ml	Smooth Muscle Cells	Growth Medium	PB
<b>PB-MH-200-2190</b>	Smooth Muscle Cell Growth Medium Kit classic	500 ml	Smooth Muscle Cells	Growth Medium, ready-to-use	CA
<b>PB-311A-500</b>	Smooth Muscle Cell Growth Medium without Antibiotics (500 ml)	500 ml	Smooth Muscle Cells	Growth Medium, ready-to-use	CA
<b>PB-311B-500</b>	Smooth Muscle Cell Growth Medium without bFGF	500 ml	Smooth Muscle Cells	Growth Medium, ready-to-use	CA
<b>PB-SH-200-2190</b>	Smooth Muscle Cell Growth Supplement Kit classic	1 kit	Smooth Muscle Cells	Growth Medium, ready-to-use	AP
<b>PB-cAP-32</b>	Stellate Basal Medium (SBM)	500 ml	Stellate Cells	Growth Medium, ready-to-use	AP
<b>PB-414-500</b>	Synoviocyte Basal Medium (500 ml)	500 ml	Fibroblast-Like Synoviocytes	Growth Medium, ready-to-use	CA
<b>PB-415-500</b>	Synoviocyte Growth Medium (500 ml)	500 ml	Fibroblast-Like Synoviocytes	Growth Medium	CA
<b>PB-415K-500</b>	Synoviocyte Growth Medium Kit (500 ml)	Yields 500 ml	Fibroblast-Like Synoviocytes	Growth Medium, ready-to-use	CA
<b>PB-415A-500</b>	Synoviocyte Growth Medium without Antibiotics (500 ml)	500 ml	Fibroblast-Like Synoviocytes	Growth Medium, ready-to-use	CA
<b>PB-415-GS</b>	Synoviocyte Growth Supplement (50 ml)	50 ml	Fibroblast-Like Synoviocytes	Assay Medium	CA
<b>PB-716TA-50</b>	TEER Assay GI Epithelial Cell Medium	50 ml	Gastrointestinal Epithelial Cells	Culture Medium	TB
<b>PB-TB-605</b>	Tempo-iAstro™ (Type-I) Cell Culture Medium	50 ml	iPS derived Astrocytes Type I	Culture Medium	TB
<b>PB-TB-606</b>	Tempo-iAstro™ (Type-II) Cell Culture Medium	50 ml	iPS derived Astrocytes Type II	Maintenance Medium	TB
<b>PB-TB-629</b>	Tempo-iBMECTM Maintenance Medium	50 ml	iPS derived Microvascular Endothelial Cells	Maintenance Medium	TB
<b>PB-TB-615</b>	Tempo-iCardio™ Maintenance Medium	50 ml	iPS derived Cardiomyocytes	Maintenance Medium	TB

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Product Overview  
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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-TB-626</b>	Tempo-iCortTM Neuronal Long- Term Maintenance Medium	50 ml	iPS derived Cortical Neurons	Maintenance Medium	TB
<b>PB-TB-623</b>	Tempo-iCortTM Neuronal Maintenance Medium	50 ml	iPS derived Cortical Neurons	Maintenance Medium	TB
<b>PB-TB-611</b>	Tempo-iDopaNerTM Neuronal Maintenance Medium	50 ml	iPS derived Dopaminergic Neurons	Maintenance Medium	TB
<b>PB-TB-619</b>	Tempo-iHepTM Maintenance Medium	50 ml	iPS derived Hepatocytes	Maintenance Medium	TB
<b>PB-TB-618</b>	Tempo-iHSCTM Maintenance Medium	50 ml	iPS derived Hematopoietic Stem Cells	Maintenance Medium	TB
<b>PB-TB-608</b>	Tempo-iKidneyPodTM Maintenance Medium	50 ml	iPS derived Proximal Tubules and Podocytes	Maintenance Medium	TB
<b>PB-TB-627</b>	Tempo-iMeITM Maintenance Medium	50 ml	iPS derived Melanocytes	Maintenance Medium	TB
<b>PB-TB-603</b>	Tempo-iMGTM Maintenance Medium	50 ml	iPS derived Microglia	Culture Medium	TB
<b>PB-TB-613</b>	Tempo-iMonoTM Cell Culture Medium	50 ml	iPS derived CD14+ Monocytes	Maintenance Medium	TB
<b>PB-TB-609</b>	Tempo-iMotorNerTM Neuronal Maintenance Medium	50 ml	iPS derived Motor Neurons	Maintenance Medium	TB
<b>PB-TB-610</b>	Tempo-iMSCTM Maintenance Medium	50 ml	iPS derived Mesenchymal Stem Cells	Maintenance Medium	TB
<b>PB-TB-624</b>	Tempo-iNStemTM Maintenance Medium	50 ml	iPS derived Neural Progenotor Cells	Culture Medium	TB
<b>PB-TB-601</b>	Tempo-iOligoTM Growth Medium	50 ml	iPS derived Oligodendrocyte Progenitor Cells	Maturation Medium	TB
<b>PB-TB-602</b>	Tempo-iOligoTM Maturation Medium	50 ml	iPS derived Oligodendrocyte Progenitor Cells	Culture Medium	TB
<b>PB-TB-628</b>	Tempo-iPeriTM Cell Culture Medium	50 ml	iPS derived Pericytes	Culture Medium	TB
<b>PB-TB-614</b>	Tempo-iPhagoTM Cell Culture Medium	50 ml	iPS derived Phagocytes	Culture Medium	TB

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Product Overview  
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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-TB-625</b>	Tempo-iRPETM Cell Culture Medium	50 ml	iPS derived Retinal Pigment Epithelial Cells	Culture Medium	TB
<b>PB-TB-607</b>	Tempo-iSchwannTM Cell Culture Medium	50 ml	iPS derived Schwann Cells	Maintenance Medium	TB
<b>PB-TB-604</b>	Tempo-iSensoTM Maintenance Medium	50 ml	iPS derived Sensory Neurons	Culture Medium	TB
<b>PB-TB-612</b>	TempoStemBankTM -iPSC Cell Culture Medium	50 ml	iPS Cells	Culture Medium	TB
<b>PB-BH-479-0090</b>	Tendon Cell Basal Medium	500 ml	Tenocytes	Growth Medium, ready-to-use	AP
<b>PB-cAP-40</b>	Tendon Cell Growth Medium	500 ml	Tenocytes	Growth Medium, ready-to-use	PB
<b>PB-MH-479-0000-rtu</b>	Tendon Cell Growth Medium (ready-to-use)	500 ml	Tenocytes	Growth Medium, ready-to-use	AP
<b>PB-cAP-43</b>	THP-1 Culture Medium	500 ml	THP-1,GFP-THP-1	Enrichment Medium	CA
<b>PB-716TuEM-50</b>	Tuft Cell Enrichment Medium	50 ml	Tuft Cells	Enrichment Medium	CA
<b>PB-716TuEMK-50</b>	Tuft Cell Enrichment Medium Kit	51 ml	Tuft Cells	Growth Medium, ready-to-use	CA
<b>PB-223-500</b>	Urethral Epithelial Cell Growth Medium	500 ml	Urethral Epithelial Cells	Growth Medium	CA
<b>PB-C-BH-675-0511-XF</b>	Xeno-free Mesenchymal Stem Cell Basal Medium	500 ml	Mesenchymal Stem Cells	Suppression Medium	FK
<b>87-283</b>	Xyltech BMT-01	100 ml	Mesenchymal Stem Cells	Maintenance Medium	FK
<b>87-284</b>	Xyltech Growth BMT (Basal Medium)	500 ml	Mesenchymal Stem Cells	Growth Medium	FK
<b>87-285</b>	Xyltech Growth BMT Supplement	50 ml	Mesenchymal Stem Cells	Suppression Medium	FK
<b>87-282</b>	Xyltech Growth H-Fbro	500 ml	Fibroblast	Suppression Medium	FK
<b>PB-YSP002</b>	CellCorTM CD serum-free chemically defined MSC Media (GMP)	500 ml	Mesenchymal Stem Cells	GMP Expansion of MSC	XC
<b>PBYSP007</b>	CellCorTM DPC CD (RUO)	500 ml	Dermal Papilla Cells	Cell culture and expansion	XC
<b>PB-YSP017</b>	CellCorTM EXO CD (RUO)	500 ml	Mesenchymal Stem Cells	Expansion of MSC and exosome production	XC
<b>PB-YSP018</b>	CellCorTM MSC CD AOF (RUO)	500 ml	Mesenchymal Stem Cells	Expansion of MSC	XC
<b>PB-YSP019</b>	CellCorTM Keratinocytes CD AOF (RUO)	500 ml	Keratinocytes	Cell culture and expansion	XC

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Product Overview  
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Cat#	Product	Quantity	Cell type	Product type	Supplier
<b>PB-YSP023</b>	CellCorTM MSC CD AOF (GMP)	500 ml	Mesenchymal Stem Cells	GMP Expansion of MSC	XC
<b>01-0005-100</b>	NutriStem hPSC XF Medium	100 ml	iPS Cells	Defined, xeno-free & serum-free Medium	Stemgent
<b>01-0005</b>	NutriStem hPSC XF Medium	500 ml	iPS Cells	Differentiation Medium	CA
<b>1-24-GM</b>	Placental Chorionic villi MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>1-24-GM-XF</b>	Placental Chorionic villi MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>2-24-GM</b>	Placental Decidua basalis MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>2-24-GM-XF</b>	Placental Decidua basalis MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>3-24-GM</b>	Placental Amniotic epithelial cell Growth Medium	500 ml	Epithelial Cells	Growth Medium	KET
<b>3-24-GM-XF</b>	Placental Amniotic epithelial cell Growth Medium	500 ml	Epithelial Cells	Growth Medium	KET
<b>4-24-GM</b>	Placental Amniotic MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>4-24-GM-XF</b>	Placental Amniotic MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>5-24-GM</b>	Placental Chorionic villous trophoblast cell Growth Medium	500 ml	Trophoblast	Growth Medium	KET
<b>5-24-GM-XF</b>	Placental Chorionic villous trophoblast cell Growth Medium	500 ml	Trophoblast	Growth Medium	KET
<b>6-24-GM</b>	Chorionic plate MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>6-24-GM-XF</b>	Chorionic plate MSC Growth Medium	500 ml	Mesenchymal Stem/Stromal Cells	Growth Medium	KET
<b>7-24-GM</b>	Decidua NK-CD56+CD3- Growth Medium	500 ml	NK Cells	Growth Medium	KET
<b>7-24-GM-XF</b>	Decidua NK-CD56+CD3- Growth Medium	500 ml	NK Cells	Growth Medium	KET

## Special supplements for human cell culture

### Bovine Endothelial Cell Growth Factor (ECGF)

(Cell culture grade + Heparin)

Endothelial cell growth factor (ECGF) is an extract normally prepared from bovine brain containing growth promoting factors. ECGF has also been reported to be beneficial as a media supplement for the fusion and growth of hybridoma cells in monoclonal antibody production. Endothelial cell growth factor is prepared using a modification of the method of Maciag, et al.1979) lyophilized from a sterile solution containing NaCl and streptomycin sulfate. Endothelial cells from human umbilical vein (HUVEC) can be established as primary cultures by traditional methods. The serial propagation of these cells has proved to be difficult.

The long-term propagation of these cells in vitro can be achieved with an extract prepared mainly from bovine or if needed from porcine brain.

ECGF contains growth promoting factors e.g. bFGF for vascular endothelial cells of mammalian origin. The introduction of a fibronectin or collagen matrix to the cell culture system allows to cultivate endothelial cells at clonal densities. With ECGF, the FCS requirement can be reduced. Heparin potentiates the mitogenic activity of crude preparations of ECGF.

ECGF has also been reported to eliminate the need for feeder cells in the clonal growth of hybridomas and other cell types.

#### References

1. Maciag T (1982) JBC 257:5333
2. Olander J (1980) In Vitro 6:209
3. Folkman J (1980) Nature 288:551
4. Evans CH (1982) JNCI 68:127
5. Pintus C (1983) J Immuno Meth 61:195
6. Maciag T (1979) PNAS 6:5674
7. Thornton SC (1983) Science 222:623
8. Ransom JH (1986) Methods Enzymol 121:293
9. Schniederermann et al. BMC Cell Biology 2010

Cat#	Product	Quantity	Cell Type	Application	Supplier
<b>PB-ECGF-1</b>	ECGF Bovine (Crude Extract, cell culture grade)	6 mg	Endothelial Cells	Growth promoting	PB
<b>PB-ECGF-1 Heparin</b>	ECGF Bovine (Crude Extract, cell culture grade) + Heparin	6 mg	Endothelial Cells	Growth promoting	PB
<b>PB-ECGF-2</b>	ECGF Porcine (Crude Extract, cell culture grade)	6 mg	Endothelial Cells	Growth promoting	PB
<b>PB-ECGF-2 Heparin</b>	ECGF Porcine (Crude Extract, cell culture grade) + Heparin	6 mg	Endothelial Cells	Growth promoting	PB

## Fetal Bovine Serum, EU Approved

Serum is the blood component obtained after coagulation and removal of cellular components. Besides serum proteins it contains growth factors, amino acids and hormones, etc. This comprehensive mix makes serum one of the most important supplements for supporting cell growth and proliferation in in vitro cell culture. Of special interest is fetal bovine serum (FBS). It is especially rich in growth factors and low in antibodies, which may influence the cell culture work.

Cat#	Product	Quantity	Cell Type	Application	Supplier
<b>PB-FCS-EU-0500</b>	Fetal Bovine Serum EU approved (Cell culture tested)	500 ml	Primary cells	Growth supplement	PB

We can also offer you an exosome depleted FBS.

## BIT Admixture - 100

Serum Substitute for tumor stem cells and hematopoietic Stem Cells.

Cellovations BIT Admixture - 100 is a medium supplement formulated for optimal growth of tumor stem cells, e.g. glioblastoma stem cells and in cases where defined medium compositions are required such as colony forming assays or expansion of hematopoietic progenitors. It contains essential components that help to replace serum.

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Cat#	Product	Quantity	Cell Type	Application	Supplier
<b>PB-SH-033-0000</b>	BIT Admixture 100	100 ml	Glioblastome stem cells	Growth supplement	PB

## Cellovations® Xeno-free Mesenchymal Stem Cell Supplement

Cellovations® Xeno-free Mesenchymal Stem Cell Supplement is formulated for optimal proliferation of MSC which are cultivated under xeno-free conditions and contains a human platelet derived Growth Factor Mixture. The mixture has all necessary growth stimulating elements for best results. It will give your cells optimal conditions in combination with our basal medium (PB-C-BH-675-0511-XF).

Cat#	Product	Quantity	Cell Type	Application	Supplier
<b>PB-C-SH-675-0511-XF</b>	Mesenchymal Stem Cell Growth Supplement enhanced, xeno-free	25 ml	Mesenchymal Stem/Stroma Cells	Growth supplement	PB

## Human Platelet Lysate (hPL) in GMP and research quality

Premium Human Platelet Lysate for Advanced Cell Culture and Tissue Regeneration

We offer high-quality human platelet lysate (HPL) products, sourced from AventaCell BioMedical Corp, to support your cell culture and tissue regeneration research. Our HPL products are designed to provide a serum-free alternative for cell expansion and production, ensuring safety, efficiency, and cost-effectiveness.

### Product Features

- **Derived from expired Human Platelets:** Our HPL is derived from expired human platelets, providing a rich source of growth factors and cytokines essential for cell proliferation and differentiation.
- **Enhanced Cell Growth:** Promotes the expansion and production of a broad range of cells, including mesenchymal stem cells and multiple immunocell lines.
- **Batch Consistency:** Each batch of HPL is rigorously tested to ensure consistency and reliability in your research.

### Applications

- **Cell Therapy:** Ideal for expanding and producing cells for therapeutic applications.
- **Regenerative Medicine:** Supports tissue regeneration and repair in various research and clinical settings.
- **Translational Research:** Facilitates the development of cell and tissue-based therapies.

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### Benefits

- **Safety and Efficacy:** Our HPL products are designed to accelerate the research, development, and commercialization of safe and effective cell and tissue-based therapeutics.
- **Versatility:** Suitable for a wide range of cell types and research applications, providing flexibility in your experimental design.
- **Quality Assurance:** Each batch undergoes stringent quality control to ensure high performance and reproducibility.

Our partner AventaCell produces hPL in different qualities from expired platelets:

- UltraGro (research grade & GMP) – xeno-free, needs addition of heparin
- UltraGro advanced (research grade & GMP) – fibrinogen depleted (<20 µg/ml), non-xenogeneic
- UltraGro Pure (research grade & GMP) – fibrinogen depleted (<20 µg/ml),
- xeno-free
- UltraGro advanced GMP GI – gamma irradiated
- UltraGro PURE GMP GI – gamma irradiated
- Exosome-Depleted UltraGRO™-PURE GI Research grade – exosome depleted hPL

Product Overview  
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Cat#	Product	Quantity	Product Quality	Note	Supplier
<b>PB-HPCFDCGL05</b>	UltraGRO™- Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture), GMP Quality	50 ml	GMP	Contains Heparin	AV
<b>PB-HPCFDCGL10</b>	UltraGRO™- Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture), GMP Quality	100 ml	GMP	Contains Heparin	AV
<b>PB-HPCFDCGL50</b>	UltraGRO™- Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture), GMP Quality	500 ml	GMP	Contains Heparin	AV
<b>PB-HPCFDCGLI05</b>	UltraGRO™- Advanced Cell Culture Supplement GI (Fibrinogen- Depleted Human Platelet Lysate Growth Factor Mixture) GMP Quality	50 ml	GMP & Gamma irradiated	Contains Heparin	AV
<b>PB-HPCFDCGLI10</b>	UltraGRO™- Advanced Cell Culture Supplement GI (Fibrinogen- Depleted Human Platelet Lysate Growth Factor Mixture) GMP Quality	100 ml	GMP & Gamma irradiated	Contains Heparin	AV
<b>PB-HPCFDCGLI50</b>	UltraGRO™- Advanced Cell Culture Supplement GI (Fibrinogen- Depleted Human Platelet Lysate Growth Factor Mixture) GMP Quality	500 ml	GMP & Gamma irradiated	Contains Heparin	AV

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Product Overview  
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Cat#	Product	Quantity	Product Quality	Note	Supplier
<b>PB-HPCFDCRL05</b>	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	50 ml	Research grade	Contains Heparin	AV
<b>PB-HPCFDCRL10</b>	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	100 ml	Research grade	Contains Heparin	AV
<b>PB-HPCFDCRL50</b>	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	500 ml	Research grade	Contains Heparin	AV
<b>PB-HPCHEFRLI05</b>	Exosome-Depleted UltraGRO™-PURE GI Research grade	50 ml	Research Grade & Gamma irradiated	Heparin-free, exsome depleted	AV
<b>PB-HPCHEFRLI10</b>	Exosome-Depleted UltraGRO™-PURE GI Research grade	100 ml	Research Grade & Gamma irradiated	Heparin-free, exsome depleted	AV
<b>PB-HPCHEFRLI50</b>	Exosome-Depleted UltraGRO™-PURE GI Research grade	500 ml	Research Grade & Gamma irradiated	Heparin-free, exsome depleted	AV
<b>PB-HPCHXCGL05</b>	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture), GMP Quality	50 ml	GMP	Heparin-free	AV
<b>PB-HPCHXCGL10</b>	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture), GMP Quality	100 ml	GMP	Heparin-free	AV
<b>PB-HPCHXCGL50</b>	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture), GMP Quality	500 ml	GMP	Heparin-free	AV

Product Overview  
Primary Human Cells & Media 2025 v.:1.2 (St.:250403)

Cat#	Product	Quantity	Product Quality	Note	Supplier
<b>PB-HPCHXCGLI05</b>	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture), GMP Quality	50 ml	GMP & Gamma irradiated	Heparin-free	AV
<b>PB-HPCHXCGLI10</b>	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture), GMP Quality	100 ml	GMP & Gamma irradiated	Heparin-free	AV
<b>PB-HPCHXCGLI50</b>	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture), GMP Quality	500 ml	GMP & Gamma irradiated	Heparin-free	AV
<b>PB-HPCHXCRL05</b>	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture)	50 ml	Research Grade	Heparin-free	AV
<b>PB-HPCHXCRL10</b>	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture)	100 ml	Research Grade	Heparin-free	AV
<b>PB-HPCHXCRL100</b>	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture)	1000 ml	Research Grade	Heparin-free	AV
<b>PB-HPCHXCRL50</b>	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture)	500 ml	Research Grade	Heparin-free	AV
<b>PB-HPCHXCRLI05</b>	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture)	50 ml	Research Grade & Gamma irradiated	Heparin-free	AV

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Product Overview  
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Cat#	Product	Quantity	Product Quality	Note	Supplier
<b>PB-HPCHXCRLI10</b>	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture)	100 ml	Research Grade & Gamma irradiated	Heparin-free	AV
<b>PB-HPCHXCRLI50</b>	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture)	500 ml	Research Grade & Gamma irradiated	Heparin-free	AV
<b>PB-HPCHXRLIB05</b>	UltraGRO™-PURE GI Cell Culture, Bag-format	50 ml	Research Grade & Gamma irradiated	Heparin-free, Bag-format	AV
<b>PB-HPCHXRLIB1H</b>	UltraGRO™-PURE GI Cell Culture, Bag-format	1000 ml	Research Grade & Gamma irradiated	Heparin-free, Bag-format	AV
<b>PB-HPCHXRLIB25</b>	UltraGRO™-PURE GI Cell Culture, Bag-format	250 ml	Research Grade & Gamma irradiated	Heparin-free, Bag-format	AV
<b>PB-HPCHXRLIB2H</b>	UltraGRO™-PURE GI Cell Culture, Bag-format	2000 ml	Research Grade & Gamma irradiated	Heparin-free, Bag-format	AV
<b>PB-HPCHXRLIB4H</b>	UltraGRO™-PURE GI Cell Culture, Bag-format	4000 ml	Research Grade & Gamma irradiated	Heparin-free, Bag-format	AV
<b>PB-HPCHXRLIB50</b>	UltraGRO™-PURE GI Cell Culture, Bag-format	500 ml	Research Grade & Gamma irradiated	Heparin-free, Bag-format	AV
<b>PB-HPCPLCGL05</b>	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture) GMP Quality	50 ml	GMP	Requires heparin	AV
<b>PB-HPCPLCGL10</b>	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture) GMP Quality	100 ml	GMP	Requires heparin	AV
<b>PB-HPCPLCGL50</b>	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture) GMP Quality	500 ml	GMP	Requires heparin	AV
<b>PB-HPCPLCRL05</b>	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture)	50 ml	Research grade	Requires heparin	AV

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Product Overview  
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Cat#	Product	Quantity	Product Quality	Note	Supplier
<b>PB-HPCPLCRL10</b>	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture)	100 ml	Research grade	Requires heparin	AV
<b>PB-HPCPLCRL50</b>	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture)	500 ml	Research grade	Requires heparin	AV

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