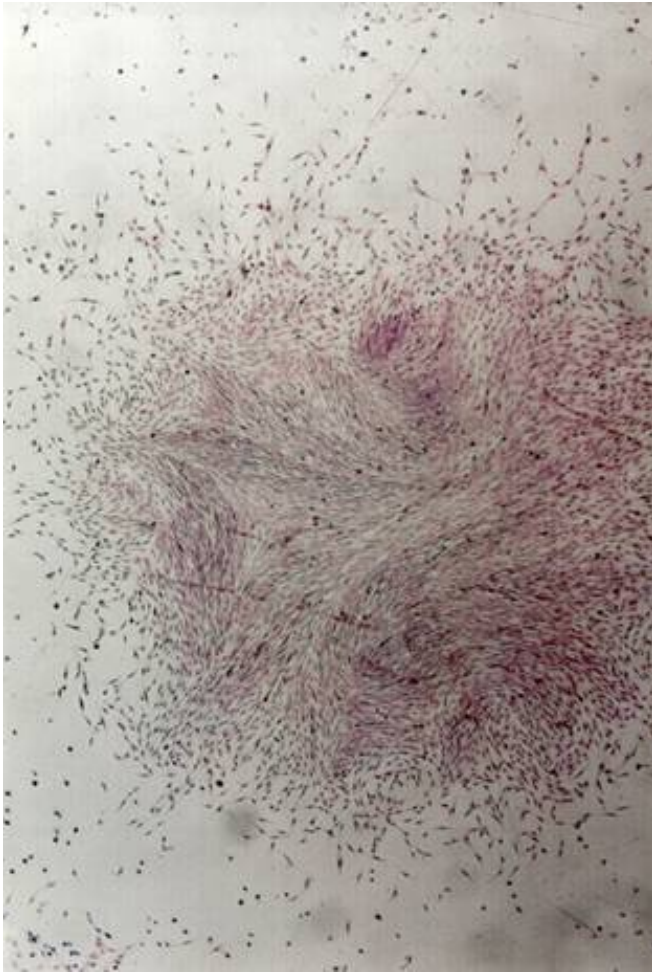




**MSC
Products**



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

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1.: Enzymes for the isolation of mesenchymal stem cells



Clzyme AS for isolating adipose derived stromal cells from human lipoaspirate.^{1,2}

GMP Grade Clzyme AS is an aseptically filled, lyophilized mixture of 60% purified class I (C1) and 40% purified class II (C2) collagenase from *Clostridium histolyticum* pre-mixed with neutral protease from *Bacillus polymyxa*.

- 1) Aronowitz JA, Lockhart RA, Hakakian CS. Mechanical versus enzymatic isolation of stromal vascular fraction cells from adipose tissue. SpringerPlus. 2015;4(1):1.
- 2) Aronowitz JA, Lockhart RA, Hakakian CS, Hicok KC. Clinical Safety of Stromal Vascular Fraction Separation at the Point of Care. Annals of Plastic Surgery. 2015.

Product Group	Product	Cat#	Quantity	Category
Cell Isolation	Clzyme AS	PB-005-1090	Kit	Tissue Dissociation

2.: Mesenchymal Stem Cells & Stroma Cells

We offer mesenchymal stem cells and/or stroma cells from different tissues and species. Media are available in different qualities (FBS containing, FBS-free, xeno-free) from R&D to cGMP.

- | | |
|----------------------------------|-----------|
| • Bone Marrow | • Human |
| • Cord Blood | • Mouse |
| • Adipose Tissue | • Rat |
| • Umbilical Cord/Wharton's Jelly | • Porcine |
| • Lung | • Rabbit |
| • Diseased Animal MSC | • Feline |
| | • Canine |

All Mesenchymal Stem Cells or Stromal Cells are available as a Kit (1 vial of cells + 1 x 500 ml medium)! Below only cells are listed, just call us for information on the cell kits. [Our media are listed on page 5-6.](#)

Recommended Media	Product	Cat#	Quantity	Category
PELOBiotech Products				
15,18,27,28,29,30	Human Mesenchymal Stem Cells, adipose tissue derived	PB-CH-642-0511	1x10E6 cells/vial	Cells, Media & Tools
15,18,27,28,29,30	Human Mesenchymal Stem Cells, Bone Marrow	PB-CH-675-0511-44	0.5x10E6 cells/vial	Cells, Media & Tools
15,18,27,28,29,30	Human Mesenchymal Stem Cells, Wharton's Jelly	PB-CH-690-0511	0.5x10E6 cells/vial	Cells, Media & Tools

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Recommended Media	Product	Cat#	Quantity	Category
Our Partner Products				
3	Canine Bone Marrow Mesenchymal Stem Cells	PB-D-6043	0.5x10E6 cells/vial	Cells, Media & Tools
1,2	Canine Marrow Stromal Cells(CnMSC)	PB-Cn492-05	0.5x10E6 cells/vial	Cells, Media & Tools
13	Conditionally Immortalized Human Adipose Tissue-Derived Mesenchymal Stem Cells	PB-cAP-0061	0.5x10E6 cells/vial	Cells, Media & Tools
13	Conditionally Immortalized Human Bone Marrow-Derived Mesenchymal Stem Cells	PB-cAP-0060	0.5x10E6 cells/vial	Cells, Media & Tools
13	Conditionally Immortalized Human Umbilical Cord-Derived Mesenchymal Stem Cells	PB-cAP-0062	0.5x10E6 cells/vial	Cells, Media & Tools
22	Dog Adipose-derived Mesenchymal Stem Cells	CAXMD-01001	1x10E6 cells/vial	Cells, Media & Tools
22	Dog Mesenchymal Stem Cells	CAXMX-01001	1x10E6 cells/vial	Cells, Media & Tools
22	Dog Mesenchymal Stem Cells GFP-Tagged	CAXMX-01101	1x10E6 cells/vial	Cells, Media & Tools
4,5	Feline Marrow Stromal Cells(CnMSC)	PB-F492-05	0.5x10E6 cells/vial	Cells, Media & Tools
3	Hamster Bone Marrow Mesenchymal Stem Cells	PB-HM-6043	0.5x10E6 cells/vial	Cells, Media & Tools
15,18,27,28,29,30	Human Adipose derived stem cells	PB-060231	0.5x10E6 cells/vial	Cells, Media & Tools
12	Human Adipose-Derived Mesenchymal Stem Cells	HUXMD-01001	1x10E6 cells/vial	Cells, Media & Tools
15,18,27,28,29,30	Human ASC-xenofree - human adipose derived stem cells	PB-060232	0.5x10E6 cells/vial	Cells, Media & Tools
13,14,15,18	Human Bone Marrow-Derived Mesenchymal Stem Cells- GFP-Tagged	PB-cAP-0050GFP	0.5x10E6 cells/vial	Cells, Media & Tools
13,14,15,18	Human Bone Marrow-Derived Mesenchymal Stem Cells- RFP-Tagged	PB-cAP-0050RFP	0.5x10E6 cells/vial	Cells, Media & Tools
8,9,10,11	Human Marrow Stromal Cells (HMSC); adult	PB-492-05a	0.5x10E6 cells/vial	Cells, Media & Tools
8,9,10,11	Human Marrow Stromal Cells (HMSC); fetal	PB-492-05f	0.5x10E6 cells/vial	Cells, Media & Tools
12	Human Mesenchymal Stem Cells	HUXMA-01001	1x10E6 cells/vial	Cells, Media & Tools
12	Human Mesenchymal Stem Cells GFP-Tagged	HUXMA-01101	1x10E6 cells/vial	Cells, Media & Tools
6,7,14,15,18	Human Pre-Qualified Mesenchymal Stem Cells (MSC)	PB-02100	0.5x10E6 cells/vial	Cells, Media & Tools
Please call us!	Human Synovial Stromal Cells	ACBRI 479	> 1x10E6 cells/vial	Cells, Media & Tools
19	Human Umbilical Cord Blood Mesenchymal Stem Cells	HUXUB-01001	1x10E6 cells/vial	Cells, Media & Tools
19	Human Umbilical Cord Blood Mesenchymal Stem Cells GFP-Tagged	HUXUB-01101	1x10E6 cells/vial	Cells, Media & Tools
19	Human Umbilical Cord Mesenchymal Stem Cells	HUXUC-01001	1x10E6 cells/vial	Cells, Media & Tools
19	Human Umbilical Cord Mesenchymal Stem Cells GFP-Tagged	HUXUC-01101	1x10E6 cells/vial	Cells, Media & Tools
3	Mouse (aged) Bone Marrow Mesenchymal Stem Cells	PB-A57-6043	0.5x10E6 cells/vial	Cells, Media & Tools

PRODUCT LIST

Mesenchymal Stem Cell Products 2021

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Recommended Media	Product	Cat#	Quantity	Category
3	Mouse (aged) Lung Mesenchymal Stem Cells	PB-A57-6211	0.5x10E6 cells/vial	Cells, Media & Tools
3	Mouse (B129) Bone Marrow Mesenchymal Stem Cells	PB-B129-7043	0.5x10E6 cells/vial	Cells, Media & Tools
3	Mouse (BALB/c) Bone Marrow Mesenchymal Stem Cells	PB-BALB-5043	0.5x10E6 cells/vial	Cells, Media & Tools
23	Mouse (Balb/c) Mesenchymal Stem Cells	MUCMX-01001	1x10E6 cells/vial	Cells, Media & Tools
23	Mouse (Balb/c) Mesenchymal Stem Cells GFP-Tagged	MUCMX-01101	1x10E6 cells/vial	Cells, Media & Tools
3	Mouse (BKS db) Lung Mesenchymal Stem Cells	PB-db-6211	0.5x10E6 cells	Cells, Media & Tools
3	Mouse (BKS db Control) Bone Marrow Mesenchymal Stem Cells	PB-K57-6043	0.5x10E6 cells	Cells, Media & Tools
3	Mouse (BKS db Control) Lung Mesenchymal Stem Cells	PB-K57-6211	0.5x10E6 cells	Cells, Media & Tools
3	Mouse (BKS db) Bone Marrow Mesenchymal Stem Cells	PB-db-6043	0.5x10E6 cells	Cells, Media & Tools
23	Mouse (C57BL/6) Adipose-derived Mesenchymal Stem Cells	MUBMD-01001	1x10E6 cells/vial	Cells, Media & Tools
23	Mouse (C57BL/6) Adipose-derived Mesenchymal Stem Cells GFP-Tagged	MUBMD-01101	1x10E6 cells/vial	Cells, Media & Tools
3	Mouse (C57BL/6) Bone Marrow Mesenchymal Stem Cells	PB-C57-6043	0.5x10E6 cells/vial	Cells, Media & Tools
3	Mouse (C57BL/6) Lung Mesenchymal Stem Cells	PB-C57-6211	0.5x10E6 cells/vial	Cells, Media & Tools
23	Mouse (C57BL/6) Mesenchymal Stem Cells	MUBMX-01001	1x10E6 cells/vial	Cells, Media & Tools
23	Mouse (C57BL/6) Mesenchymal Stem Cells GFP-Tagged	MUBMX-01101	1x10E6 cells/vial	Cells, Media & Tools
23	Mouse (C57BL/6) Mesenchymal Stem Cells RFP-Tagged	MUBMX-01201	1x10E6 cells/vial	Cells, Media & Tools
3	Mouse (CD-1) Bone Marrow Mesenchymal Stem Cells	PB-CD-1043	0.5x10E6 cells/vial	Cells, Media & Tools
3	Mouse (Diabetic) Lung Mesenchymal Stem Cells	PB-MD-6211	0.5x10E6 cells	Cells, Media & Tools
3	Mouse (Diabetic) Bone Marrow Mesenchymal Stem Cells	PB-MD-6043	0.5x10E6 cells	Cells, Media & Tools
3	Porcine Bone Marrow Mesenchymal Stem Cells	PB-P-6043	0.5x10E6 cells/vial	Cells, Media & Tools
3	Rabbit (New Zealand White) Bone Marrow Mesenchymal Stem Cells	PB-N-6043	0.5x10E6 cells/vial	Cells, Media & Tools
24	Rabbit Adipose-derived Mesenchymal Stem Cells	RBXMD-01001	1x10E6 cells/vial	Cells, Media & Tools
24	Rabbit Mesenchymal Stem Cells	RBXMX-01001	1x10E6 cells/vial	Cells, Media & Tools
3	Rat (aged) Bone Marrow Mesenchymal Stem Cells	PB-AR-6043	0.5x10E6 cells/vial	Cells, Media & Tools
3	Rat (aged) Lung Mesenchymal Stem Cells	PB-AR-6211	0.5x10E6 cells/vial	Cells, Media & Tools
22	Rat (Fischer 344) Mesenchymal Stem Cells	RAFMX-01001	1x10E6 cells/vial	Cells, Media & Tools
22	Rat (Fischer 344) Mesenchymal Stem Cells GFP-Tagged	RAFMX-01101	1x10E6 cells/vial	Cells, Media & Tools
22	Rat (Fischer 344) Mesenchymal Stem Cells RFP-Tagged	RAFMX-01201	1x10E6 cells/vial	Cells, Media & Tools

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Recommended Media	Product	Cat#	Quantity	Category
22	Rat (Sprague-Dawley) Adipose-derived Mesenchymal Stem Cells	RASMD-01001	1x10E6 cells/vial	Cells, Media & Tools
22	Rat (Sprague-Dawley) Mesenchymal Stem Cells	RASMX-01001	1x10E6 cells/vial	Cells, Media & Tools
22	Rat (Sprague-Dawley) Mesenchymal Stem Cells GFP-Tagged	RASMX-01101	1x10E6 cells/vial	Cells, Media & Tools
22	Rat (Sprague-Dawley) Mesenchymal Stem Cells RFP-Tagged	RASMX-01201	1x10E6 cells/vial	Cells, Media & Tools
22	Rat (Wistar) Adipose-derived Mesenchymal Stem Cells	RAWMD-01001	1x10E6 cells/vial	Cells, Media & Tools
22	Rat (Wistar) Mesenchymal Stem Cells	RAWMX-01001	1x10E6 cells/vial	Cells, Media & Tools
3	Rat Bone Marrow Mesenchymal Stem Cell (MSCs)	PB-RA-6043	0.5x10E6 cells/vial	Cells, Media & Tools
3	Rat Lung Mesenchymal Stem Cells	PB-RA-6211	0.5x10E6 cells/vial	Cells, Media & Tools
4,5	Rat Mesenchymal Stem Cells (RMSC), Adult	PB-R492-05a	0.5x10E6 cells/vial	Cells, Media & Tools

3.: Mesenchymal Stem Cell Media

We offer MSC media in different qualities ((FBS-containing to FBS-free to xeno-free and defined media)

Media ID#	Product	Cat#	Quantity	Category
PELOBiotech Products				
15	Human Mesenchymal Stem Cell Growth Medium Kit (FBS)	PB-MH-675-0511	500 ml	Cells, Media & Tools
18	Human Mesenchymal Stem Cell Medium Kit, enhanced, xeno-free	PB-C-MH-675-0511-XF	500 ml	Cells, Media & Tools
Our Partner Products				
27	CellCor™ SFD serum-free defined MSC Media	PB-YSP009	500 ml	Cells, Media & Tools
28	CellCor™ SFD serum-free defined MSC Media (GMP)	PB-YSP010	500 ml	Cells, Media & Tools
29	CellCor™ CD serum-free chemically defined MSC Media	PB-YSP001	500 ml	Cells, Media & Tools
30	CellCor™ CD serum-free chemically defined MSC Media (GMP)	PB-YSP002	500 ml	Cells, Media & Tools
1	Canine Marrow Stromal Cell Growth Medium (ready-to-use)	PB-Cn419-500	500 ml	Cells, Media & Tools
2	Canine Marrow Stromal Cell Growth Medium Kit	PB-Cn419K-500	yields 500 ml	Cells, Media & Tools
3	Complete Mesenchymal Stem Cell Medium /w Kit	PB-M5566	500 ml	Cells, Media & Tools
4	Feline Marrow Stromal Cell Growth Medium (ready-to-use)	PB-F419-500	500 ml	Cells, Media & Tools
5	Feline Marrow Stromal Cell Growth Medium Kit	PB-F419K-500	yields 500 ml	Cells, Media & Tools
6	Human BM Mesenchymal Complete Medium (FBS)	PB-2121	500 ml	Cells, Media & Tools

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Media ID#	Product	Cat#	Quantity	Category
7	Human BM Mesenchymal Kit (FBS)	PB-2130	500 ml	Cells, Media & Tools
8	Human Marrow Stromal Cell Serum-Free Growth Medium (ready-to-use)	PB-419sf-500	500 ml	Cells, Media & Tools
9	Human Marrow Stromal Cell Serum-Free Growth Medium Kit	PB-419sfk-500	Yields 500ml	Cells, Media & Tools
10	Human Marrow Stromal Cell Xeno-Free Growth Medium (ready-to-use)	PB-419xf-500	500 ml	Cells, Media & Tools
11	Human Marrow Stromal Cell Xeno-Free Growth Medium Kit	PB-419xfk-500	Yields 500ml	Cells, Media & Tools
12	Human Mesenchymal Stem Cell Growth Medium	HUXMX-90011	500 ml	Cells, Media & Tools
13	Human Mesenchymal Stem Cell Growth Medium (MSCGM)	PB-cAP-35	500 ml	Cells, Media & Tools
19	Human Umbilical Cord Mesenchymal Stem Cell Growth Medium	HUXUC-90011	500 ml	Cells, Media & Tools
20	Marrow Stromal Cell Growth Medium (ready-to-use)	PB-419-500	500 ml	Cells, Media & Tools
21	Marrow Stromal Cell Growth Medium Kit	PB-419K-500	Yields 500ml	Cells, Media & Tools
22	Mesenchymal Stem Cell Growth Medium	GUXMX-90011	500 ml	Cells, Media & Tools
23	Mouse Mesenchymal Stem Cell Growth Medium	MUXMX-90011	500 ml	Cells, Media & Tools
24	Rabbit Mesenchymal Stem Cell Growth Medium	RBXMX-90011	500 ml	Cells, Media & Tools
25	Rat Marrow Stromal Cell Growth Medium (ready-to-use)	PB-R419-500	500 ml	Cells, Media & Tools
26	Rat Marrow Stromal Cell Growth Medium Kit	PB-R419K-500	yields 500 ml	Cells, Media & Tools

4. Differentiation Media for human Mesenchymal Stem Cells

Please call us for differentiation media for animal MSC!

MSC Differentiation	Product	Cat#	Quantity	Category
PELOBiotech Products				
Adipogenic	Human Mesenchymal Stem Cell Adipogenic Differentiation Medium	PB-DH-675-ap-200	Kit	Cells, Media & Tools
Chondrogenic	Human Mesenchymal Stem Cell Chondrogenic Differentiation Medium	PB-DH-675-ch-200	Kit	Cells, Media & Tools
Osteogenic	Human Mesenchymal Stem Cell Osteogenic Differentiation Medium	PB-DH-675-os-200	Kit	Cells, Media & Tools
Our Partner Products				
Hepatogenic	Human Mesenchymal Stem Cell Hepatogenic Differentiation Medium	HUXMX-90101	500 ml	Cells, Media & Tools

5. Essential Extras - Supplements for the Culture of Mesenchymal Stem Cells

We can offer human platelet lysate (hPL), AB-serum, A-Serum in cGMP quality. hPL we offer in addition in different qualities (all hPL products are available in R%D grade and cGMP):

cGMP

- UltraGro - Classical hPL – **heparin has to be added!**
- UltraGro Advanced (hPL) – **comes already supplemented with heparin**
- UltraGRO PURE – is fibrinogen depleted and **does not need any heparin supplementation**
- Advanced & PURE – GI – virus inactivated via gamma irradiation

Product Group	Product	Cat#	Quantity	Category
Cell Culture Supplement	Human Male AB Serum (Off-the-clot), Heat Inactivated	AR1003-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Male AB Serum (Converted from Plasma), Heat-Inactivated	AR1004-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Male AB Serum (Converted from Plasma), Xeno-Free	AR1005-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Male AB Serum (Converted from Plasma), Xeno-Free Heat Inactivated	AR1006-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	HSA Solution 20% (cGMP)	PB-AK8214-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	HSA Solution 25% (cGMP)	PB-AK8228-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Male AB Serum (Converted from Plasma) (cGMP)	PB-AK9340-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Serum (Off-the-Clot)	PB-AK9576-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Plasma, 0.1µm Filtered	PB-AK9577-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Serum (Converted from Plasma)	PB-AK9770-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	Human Male AB Serum (Off-the-Clot)	PB-AK9905-0100	100 mL	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCFDCGL05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCFDCGL10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCFDCGL50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement GI (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture) GMP Quality	PB-HPCFDCGLI05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement GI (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture) GMP Quality	PB-HPCFDCGLI10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement GI (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture) GMP Quality	PB-HPCFDCGLI50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	PB-HPCFDCRL05	50 ml	Cells, Media & Tools

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Product Group	Product	Cat#	Quantity	Category
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	PB-HPCFDCRL10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	PB-HPCFDCRL50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement GI (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	PB-HPCFDCRLI05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement GI (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	PB-HPCFDCRLI10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-Advanced Cell Culture Supplement GI (Fibrinogen-Depleted Human Platelet Lysate Growth Factor Mixture)	PB-HPCFDCRLI50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCHXCGL05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCHXCGL10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCHXCGL50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCHXCGLI05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCHXCGLI10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture), GMP Quality	PB-HPCHXCGLI50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture)	PB-HPCHXCRL05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture)	PB-HPCHXCRL10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture)	PB-HPCHXCRL50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture)	PB-HPCHXCRLI05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture)	PB-HPCHXCRLI10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™-PURE GI Cell Culture Supplement Xeno-free (Fibrinogen-Depleted & xeno-free Human Platelet Lysate Growth Factor Mixture)	PB-HPCHXCRLI50	500 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture) GMP Quality	PB-HPCPLCGL05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture) GMP Quality	PB-HPCPLCGL10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture) GMP Quality	PB-HPCPLCGL50	500 ml	Cells, Media & Tools

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Product Group	Product	Cat#	Quantity	Category
Cell Culture Supplement	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture)	PB-HPCPLCRL05	50 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture)	PB-HPCPLCRL10	100 ml	Cells, Media & Tools
Cell Culture Supplement	UltraGRO™ Cell Culture Supplement (Human Platelet Lysate Growth Factor Mixture)	PB-HPCPLCRL50	500 ml	Cells, Media & Tools
Cell Culture Supplement	Artificial Serum (Xeno-free)	87-081	20ml	Cells, Media & Tools
Cell Culture Supplement	Artificial Serum (Animal-free)	87-082	20ml	Cells, Media & Tools

6. Essential Extras - Coating & Hydrogels for MSC Culture

We recommend to use MyMatrix MSC together with our Xeno-free MSC Medium (PB-C-MH-675-0511-XF) or any other xeno-free MSC medium. MyMatrix MSC is the best coating for all defined MSC media.

For a culture under more physiologic conditions we recommend to use HumaTein™ MSC as media supplement and for coating. HumaTein™ is produced by human Mesenchymal Stem Cells in vitro.

Product Group	Product	Cat#	Quantity	Category
Coating & Hydrogels for MSCs	Human Fibronectin Solution (Plasma Derived)	PB-AK9715-0001	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Solution (Plasma Derived)	PB-AK9715-0005	5mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Solution, Virus Inactivated (Plasma Derived) (cGMP) 	PB-AK9930-0001	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Solution, Virus Inactivated (Plasma Derived) (cGMP) 	PB-AK9930-0005	5mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Solution (Plasma Derived) (cGMP) 	PB-AK9942-0001	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Solution (Plasma Derived) (cGMP) 	PB-AK9942-0005	5mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Plasma Fibronectin Solution (HPF)	PB-cAP-42	1 mg	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - T25	PB-cAP-5001-t25	10 flasks	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - T75	PB-cAP-5001-t75	10 flasks	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 12 wells 5 plates/pack	PB-cAP-5001-w12	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 24 wells 5 plates/pack	PB-cAP-5001-w24	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 384 wells 5 plates/pack	PB-cAP-5001-w384	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 48 wells 5 plates/pack	PB-cAP-5001-w48	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 6 wells 5 plates/pack	PB-cAP-5001-w6	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 96 wells 5 plates/pack	PB-cAP-5001-w96	5 plates	Cells, Media & Tools

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Product Group	Product	Cat#	Quantity	Category
Coating & Hydrogels for MSCs	myMatrix MSC - pre-coated defined microenvironment for MSC (24 well plate)	PB-C0301	5 pcs	Cells, Media & Tools
Coating & Hydrogels for MSCs	myMatrix MSC - pre-coated defined microenvironment for MSC (6 well plate)	PB-C0501	5 pcs	Cells, Media & Tools
Coating & Hydrogels for MSCs	myMatrix MSC - pre-coated defined microenvironment for MSC (T-75 flask)	PB-C0601	5 pcs	Cells, Media & Tools
Coating & Hydrogels for MSCs	myMatrix MSC - pre-coated defined microenvironment for MSC (T-25 flask)	PB-C0701	5 pcs	Cells, Media & Tools
Coating & Hydrogels for MSCs	Stem Cell Matrix XF	PB-LH-609-0000	50 ml	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Plasma Fibronectin Solution (HPF)	PB-LU-508-0000	1 mg	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 12 wells	PB-LU-508-0000-12w	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 24 wells	PB-LU-508-0000-24w	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 384 wells	PB-LU-508-0000-384w	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 48 wells	PB-LU-508-0000-48w	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 6 wells 5	PB-LU-508-0000-6w	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - 96 wells	PB-LU-508-0000-96w	5 plates	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - T25	PB-LU-508-0000-T25	10 flasks	Cells, Media & Tools
Coating & Hydrogels for MSCs	Human Fibronectin Coated Culture Ware - T75	PB-LU-508-0000-T75	10 flasks	Cells, Media & Tools
Coating & Hydrogels for MSCs	NativeCoat™ Human Lung ECM Surface Coating	PB-MTHLG201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	NativeCoat™ Bone ECM Surface Coating	PB-MTSBN201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	NativeCoat™ Cartilage ECM Surface Coating	PB-MTSCT201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	TissueSpec® Heart ECM Hydrogel	PB-MTSHT101	1mL	3D Technologies, 3D Models & Microfluidic
Coating & Hydrogels for MSCs	NativeCoat™ Heart ECM Surface Coating	PB-MTSHT201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	TissueSpec® Intestine ECM Hydrogel	PB-MTSIN101	1mL	3D Technologies, 3D Models & Microfluidic
Coating & Hydrogels for MSCs	NativeCoat™ Intestine ECM Surface Coating	PB-MTSIN201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	TissueSpec® Kidney ECM Hydrogel	PB-MTSKY101	1mL	3D Technologies, 3D Models & Microfluidic
Coating & Hydrogels for MSCs	NativeCoat™ Kidney ECM Surface Coating	PB-MTSKY201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	TissueSpec® Lung ECM Hydrogel	PB-MTSLG101	1mL	3D Technologies, 3D Models & Microfluidic
Coating & Hydrogels for MSCs	NativeCoat™ Lung ECM Surface Coating	PB-MTSLG201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	TissueSpec® Liver ECM Hydrogel	PB-MTSLV101	1mL	3D Technologies, 3D Models & Microfluidic

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Product Group	Product	Cat#	Quantity	Category
Coating & Hydrogels for MSCs	NativeCoat™ Liver ECM Surface Coating	PB-MTSLV201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	NativeCoat™ Skin ECM Surface Coating	PB-MTSSK201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	NativeCoat™ Stomach ECM Surface Coating	PB-MTSST201	1mL	Cells, Media & Tools
Coating & Hydrogels for MSCs	HumaTein™ MSC Powder Type	PB-MD-12	30 mg	Cells, Media & Tools
Coating & Hydrogels for MSCs	HumaTein™ MSC Powder Type	PB-MD-13	60 mg	Cells, Media & Tools

7. Essential Extras - Cryopreservation Media for Mesenchymal Stem Cells

Product Group	Product	Cat#	Quantity	Category
DMSO 10%	CryoSolutions 10%	PB-AK8900-0005	5mL	Cells, Media & Tools
DMSO 10%	CryoSolutions 10%	PB-AK8900-0010	10 ml	Cells, Media & Tools
DMSO 10%	CryoSolutions 10%	PB-AK8900-0030	30mL	Cells, Media & Tools
DMSO 10%	CryoSolutions 10%	PB-AK8900-0100	100 mL	Cells, Media & Tools
DMSO-free	CryoNovo P24 (DMSO-free)	PB-AK9932-0005	5mL	Cells, Media & Tools
DMSO-free	CryoNovo P24 (DMSO-free)	PB-AK9932-0010	10 ml	Cells, Media & Tools
DMSO-free	CryoNovo P24 (DMSO-free)	PB-AK9932-0030	30mL	Cells, Media & Tools
DMSO-free	CryoNovo P24 (DMSO-free)	PB-AK9932-0100	100 mL	Cells, Media & Tools
DMSO 2%	CryoStor® CS 2 (GMP)	PB-202102	100 mL bottle	Cells, Media & Tools
DMSO 5%	CryoStor® CS 5 (GMP)	PB-205102	100 mL bottle	Cells, Media & Tools
DMSO 5%	CryoStor® CS 5 (GM)	PB-205202	100 mL bag	Cells, Media & Tools
DMSO 5%	CryoStor® CS 5 (GMP)	PB-205373	10 mL vial	Cells, Media & Tools
DMSO 10%	CryoStor® CS 10 (GMP)	PB-210102	100 mL bottle	Cells, Media & Tools
DMSO 10%	CryoStor® CS 10, Bag (GMP)	PB-210202	100 ml bag	Cells, Media & Tools
DMSO 10%	CryoStor® CS 10, Bag (GMP)	PB-210210	1 L bag	Cells, Media & Tools
DMSO 10%	CryoStor® CS 10 (GMP)	PB-210373	10 mL vial	Cells, Media & Tools
DMSO 10%	CryoStor® CS 10 (GMP)	PB-210374	16 mL vial	Cells, Media & Tools
DMSO 10%	CryoStor® CS 10, Syringe (GMP)	PB-210473	10 mL syringe	Cells, Media & Tools
DMSO	CryoBanker	CS-CB-100	100 ml	Cells, Media & Tools

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Product Group	Product	Cat#	Quantity	Category
DMSO	CryoBanker	CS-CB-50	50 ml	Cells, Media & Tools
DMSO-free	CryoScarless DMSO-Free (Serum & DMSO-free)	CPL-A1	100 ml	Cells, Media & Tools
DMSO	NutriFreez D10 Cryopreservation Medium (50ml)	01-0020-50	50 ml	Cells, Media & Tools
DMSO	Cryo-Gold (Serum- & protein-free)	PB-10003-01	100 ml	Cells, Media & Tools
DMSO	Cryo-Gold (Serum- & protein-free)	PB-10003-01-20	20 ml	Cells, Media & Tools

8. Essential Extras - Passaging Tools for Mesenchymal Stem Cells

Product Group	Product	Cat#	Quantity	Category
PELOBiotech Products				
MSC Passaging Tools	Passage Pack (Trypsin/EDTA)	PB-900028	3 x 100 ml	Cells, Media & Tools
MSC Passaging Tools	Cell Passaging Solution (Accutase)	PB-PAACUTASE	100 ml	Cells, Media & Tools
Our Partner Products				
MSC Passaging Tools	Accumax	AM105	100 mL	Cells, Media & Tools
MSC Passaging Tools	Accumax	AM105-500	500ml	Cells, Media & Tools
MSC Passaging Tools	Accutase	AT104	100 mL	Cells, Media & Tools
MSC Passaging Tools	Accutase	AT104-500	500ml	Cells, Media & Tools

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9. Further Products for Mesenchymal Stem Cells

Product Group	Product	Cat#	Quantity	Category
3D Cell Culture				
3D Co-Culture System	3D CoSeedis™ Chip880, 1 chip for 880 organoids in aluminium bag containing 1xPBS w/o Mg2+/Ca2+, compatible with 6-well plates	C880	1 pcs	3D Technologies, 3D Models & Microfluidic
3D Co-Culture System	3D CoSeedis™ Chip200, 1 chip for 200 organoids in aluminium bag containing 1xPBS w/o Mg2+/Ca2+, compatible with 6-well plates	C200	1 pcs	3D Technologies, 3D Models & Microfluidic
3D Co-Culture System	3D CoSeedis™ Chip680, 1 chip for 680 organoids in aluminium bag containing 1xPBS w/o Mg2+/Ca2+, compatible with 24-well plates	C680	1 pcs	3D Technologies, 3D Models & Microfluidic

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Product Group	Product	Cat#	Quantity	Category
3D Bioreactor	VITVO 3D Bioreactor	PB-F000001-1	1 pcs	3D Technologies, 3D Models & Microfluidic
3D Bioreactor	VITVO 3D Bioreactor	PB-F000001-6	6 pcs	3D Technologies, 3D Models & Microfluidic
MSC Transfection				
MSC Transfection	Cytofect™ mesenchymal Stem Cell Transfection Kit	PB-TF493K	Kit (175 x 24-Wells)	Cells, Media & Tools
MSC Transfection	Cytofect™ mesenchymal Stem Cell Transfection Sample Kit	PB-TF493KS	Kit	Cells, Media & Tools
Arrays & Assays				
Coating Array	screenMatrix (96 well format)- defined coating	PB-S1001-1	1 x 96 well plate	Arrays & Assays
Coating Array	screenMatrix (96 well format)- defined coating	PB-S1001-3	3 x 96 well plate	Arrays & Assays
Coating Array	screenMatrix (96 well format)- defined coating	PB-S1001-5	5 x 96 well plate	Arrays & Assays
MicroMatrix Array	MicroMatrix 36 – Array to find the best human Biomatrix mixture	PB-MM012011	1 pcs	Arrays & Assays
MicroMatrix 36-4 Pack Array	MicroMatrix 36-4 Pack - Array to find the best human Biomatrix mixture	PB-MM012011-4	1 pcs	Arrays & Assays
Apoptosis/Necrosis Array	Apoptosis/Necrosis Detection Kit (25 Tests)	PB-AA-ANDK-25	Kit	Arrays & Assays
Apoptosis/Necrosis Array	Apoptosis/Necrosis Detection Kit (50 Tests)	PB-AA-ANDK-50	Kit	Arrays & Assays

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