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Human Placental Microvascular Pericytes

Human Placental Microvascular Pericytes (HPlMVPC)
Cat#: PB-CH-091-2211

Product Description:
HPlMVPC are initiated by elutriation from dissociated normal human placental tissue. The cells are shipped in a frozen vial (the cells provided @ passage 3).
Pericyte Growth Medium plus
(containing FBS and growth factor supplements) is recommended for cell culture and these cells have an average population doubling capacity >12 when cultured following the detailed protocol.

Storage of cells:

When you receive the cells please store them immediately in liquid nitrogen.

NOT FOR CLINICAL, DIAGNOSTIC OR Therapeutic Procedures. DO NOT USE IN HUMANS. Since the material is of human origin, these cells have to be treated as potentially biologically hazardous material, even if serological tests are negative.

Characterization of the Cells

Cytoplasmic Alpha-Actinin Filaments:	**>80% positive by immunofluorescence**
Cytoplasmic Desmin Intermediate Filaments:	**>80% positive by immunofluorescence**
Cytoplasmic VWF / Factor VIII:	**<2% positive by immunofluorescence**
Cytoplasmic uptake of Di-I-Ac-LDL:	**<2% positive by immunofluorescence**
Initial Seeding Density:	2 x 10^4 cells / cm^2
Seeding Density for passaging:	1.5 x 10^4 cells / cm^2

HPlMVPCs are negative for HIV-1, HBV, HCV and mycoplasma.

Product Information

Name of Cells:	Human Placental Microvascular Pericytes (HPlMVPC)
Catalogue Number:	PB-CH-091-2211
Product Format:	cryopreserved
Cell Number:	5 x 10^5 cells / vial
Medium:	PB-MH-031-4000-09B Pericyte Growth Medium plus (ready-to-use)

Pericytes has to become 100% confluent before replacing the growth medium by basal medium containing 0,5% FBS to get quiescent pericytes.

HPlMVPC are for research use only.