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Human Retinal Microvascular Pericytes

Human Retinal Microvascular Pericytes (HRMVPC)
Cat#: PB-CH-061-2211

Product Description:
HRMVPC are initiated by elutriation from dissociated normal human retinal tissue. The cells are shipped in prolif -erating culture with >90 confluence (the cells are provided @ passage 3). Pericyte Growth Medium(containing FBS and growth factor supplements) is recommended for cell culture and these cells have an average population doubling capacity >10 when cultured following the detailed protocol in our instructions for these cells.

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:	1.2 x 10^4 cells / cm^2

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

Product Information

Name of Cells:	Human Retinal Microvascular Pericytes (HRMVPC)
Catalogue Number:	PB-CH-061-2211
Product Format:	cryopreserved
Cell Number:	5 x 10^5 cells / vial
Medium:	PB-MH-031-4000 Pericyte Growth Medium (ready-to-use) or PB-MH-031-4090 Pericyte Growth Medium Kit

⚠ **Pericytes has to become 100% confluent before re-placing the growth medium by basal medium containing 0,5% FBS to get quiescent pericytes.**

HRMVPC are for research use only.

ORDER UNDER: sales@pelobiotech.com or FAX + 49 (0)89 517 286 59-0