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Human Brain Microvascular Endothelial Cells

Cat#: PB-CH-110-4011

Product Description:

HBMVEC cells were isolated from healthy donors from normal human brain tissue . The cells are shipped in with dry ice (the cells were frozen at passage 3). Endothelial Growth Medium MV Kit enhanced (contains 5% serum and growth supplements, Cat# PB-MH-100-4099) is recommended for cell culture of these microvascular endothelial cells. The average additional population doubling levels >**16** when cultured following the detailed protocol described below.

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 VWF / Factor VIII:	**>95% positive by immunofluorescence**
Cytoplasmic uptake of Di-I-Ac-LDL:	**>95% positive by immunofluorescence**
Cytoplasmic PECAM1:	**>95% positive by immunofluorescence**
Seeding density:	2 x 10^4 Cells/cm^2

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

Product Information

Name of Cells:	Human Brain Microvascular Endothelial Cells (HBMVEC)
Catalogue Number:	PB-CH-110-4011 / PB-CH-110-4011-K (Cell Kit: (1 vial cells, 1 x 500 ml medium, 30 ml Speed Coating Solution)
Product Format:	cryo
Cell Number:	5x10^5 cells / vial
Medium:	PB-MH-100-4099 Microvascular Endothelial Cell Growth Medium Kit, enhanced
Coating:	PB-LU-000-0002-00 Speed Coating Solution (other coatings are available on request)

HBMVEC (Human Brain Microvascular Endothelial Cells) are for research use only.

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