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Human Cardiac Microvascular Endothelial Cells

Human Cardiac Microvascular Endothelial Cells
Cat#: PB-CH-151-4011

Product Description:
Human Cardiac Microvascular Endothelial Cells (HCMECs) (PB-CH-151-4011) are initiated by elutriation from dissociated normal human cardiac tissue.
The cells are shipped in cryopreserved culture (the cells are provided @ passage 3). Endothelial Growth Medium MV enhanced Kit (contains 5% serum and growth supplements, Cat# PB-MH-100-4099) is recommended for cell culture and these cells have an average additional population doubling levels >**16** 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 VWF / Factor VIII:	**>95% positive by immunofluorescence**
Cytoplasmic uptake of Di-I-Ac-LDL:	**>95% positive by immunofluorescence**
Cytoplasmic PECAM1:	**>95% positive by immunofluorescence**
Initial Seeding Density:	2 x 10^4 cells / cm^2
Seeding Density:	1 x 10^4 cells / cm^2

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

Product Information

Name of Cells:	Human Cardiac Microvascular Endothelial Cells
Catalogue Number:	PB-CH-151-4011
Product Format:	cryopreserved
Cell Number:	**>**5 x 10^5 cells / vial

Medium:	PB-MH-100-4099	Endothelial Growth Medium MV enhanced Kit (Basal medium + Supplements).

HCMEC´s are for research use only.

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