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Human Glomerular Microvascular Endothelial Cells

Human Glomerular Microvascular Endothelial Cells
Cat#: PB-CH-152-5211

Product Description:
Human Glomerular Microvascular Endothelial Cells (HGMECs) (PB-CH-152-5211) are isolated from human kidney glomeruli. The cells are shipped in cryopreserved culture (the cells are provided @ passage 2). 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 >**18** 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**
Seeding Density:	2 x 10^4 cells / cm^2

Use culture flasks coated with Speed Coating Solution (Cat#: PB-LU-000-0002-00)

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



If you want or have to work without FBS under defined conditions you can use our Cellovations®

Microvascular Endothelial Cell Growth Medium Kit enhanced, defined (PB-C-MH-100-4099-d)

Product Information

Name of Cells:	Human Glomerular Microvascular Endothelial Cells	
Catalogue Number:	PB-CH-152-5211	
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).

HGMEC´s are for research use only.

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