

Human Umbilical Artery Endothelial Cells (HUAEC)

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Description

Product Name	HUAEC-c / HUAEC-p
Order Number	C-12202 / C-12252
Lot Number	1071107.2
Donor Age / Sex / Race	newborn / female / caucasian
Tissue / Localisation	umbilical cord / umbilical artery
Number of Viable Cells	700.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Endothelial Cell Growth Medium (Order No.: C-22010)
Stage of Culture	HUAEC-c: thawing and seeding results in passage 1 (2 nd culture) HUAEC-p: shipped in passage 1 (2 nd culture)

Viability & Growth Characteristics

Parameter / Test method*	Result
Viability / ISO 13319	88 %
Population Doubling (PD) Time in Log Phase / PDL Test	24.2 h / PD
Population Doublings	> 15 PD*

Phenotypic Characterization (tested within the first two passages)

Parameter / Test method*	Result
Immunohistochemical staining	positive for CD31
Immunohistochemical staining	positive for vWF / Factor VIII-related antigen
Immunohistochemical staining	positive for Dil-Ac-LDL uptake
Immunohistochemical staining	negative for Smooth muscle α -actin

Test for microbiological contaminants and infectious viruses

This lot is found to be nonreactive to following contaminations by qualified test methods:

Parameter / Test method	Result
Bacteria, Fungi / Direct Plating	negative / negative
Mycoplasma Genus, M. Pulmonis / PCR	negative / negative
HIV-1, HIV-2 / PCR	negative / negative
HBV, HCV / PCR	negative / negative
HTLV-1, HTLV-2 / PCR	negative / negative

* Using PromoCell's standardized culture system and procedures. The stated values may vary under customer culture conditions.

The tissue used by PromoCell for the isolation of human cell cultures is derived from donors who have signed an informed consent form, which outlines in detail the purpose of the donation and the procedure for processing the tissue (www.promocell.com/ethics).



Dr. Timothy Meyer
Head of Quality Control

Date: Jan 13, 2012

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