

Certificate of Analysis

Human Placental Epithelial Cells (HPIEpC)

Description

Product Name	HPIEpC-c / HPIEpC-p
Order Number	C-12395 / C-12397
Lot Number	9041503.2
Donor Age / Sex / Race	newborn / male / caucasian
Tissue / Localization	placenta / amniotic membrane
Number of Viable Cells	600.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Placental Epithelial Cell Growth Medium (Order No.: C-26040)
Stage of Culture	HPIEpC-c: thawing and seeding results in passage 2 (3 rd culture) HPIEpC-p: shipped in passage 2 (3 rd culture)

Viability & Growth Characteristics

Viability	94 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	36.6 h / PD *
Population Doublings	> 5 *

Phenotypic Characterization (tested within the first two passages)

Cytokeratin	positive by immunohistochemical staining
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Test for Microbial Contaminants and Infectious Viruses

Bacteria / Fungi / Mycoplasma	negative / negative / negative
HIV-1	negative
HBV / HCV	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).



A handwritten signature in blue ink, appearing to read "S. Busch".

Silke Busch, Ph.D.
Quality Control Manager

Date: 29 Sep 2009

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