

Certificate of Analysis

Human Bronchial Epithelial Cells (HBEpC)

Description

Product Name	HBEpC-c / HBEpC-p
Order Number	C-12640 / C-12641
Lot Number	9102601.3
Donor Age / Sex / Race	40 / female / caucasian
Tissue / Localisation	main bronchi / mucosa
Number of Viable Cells	500.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Airway Epithelial Cell Growth Medium (Order No.: C-21060)
Stage of Culture	HBEpC-c: thawing and seeding results in passage 2 (3 rd culture) HBEpC-p: shipped in passage 2 (3 rd culture)

Viability & Growth Characteristics

Viability	93 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	17.2 h / PD *
Population Doublings	> 15 *

Phenotypic Characterization (tested within the first two passages)

Cytokeratin	positive by immunohistochemical staining
-------------	--

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 blue ink signature of Christian Leppert.

Christian Leppert, Ph.D.
Quality Control Manager

Date: 28 Feb 2010

FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.