

# Certificate of Analysis

## Human Nasal Epithelial Cells (HNEpC)

### Description

Product Name	HNEpC-c / HNEpC-p
Order Number	C-12620 / C-12621
Lot Number	1032402.1
Donor Age / Sex / Race	70 / female / caucasian
Tissue	nasal 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	HNEpC-c: thawing and seeding results in passage 2 (3 <sup>rd</sup> culture) HNEpC-p: shipped in passage 2 (3 <sup>rd</sup> culture)

### Viability & Growth Characteristics

Viability	95 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	25.6 h / PD *
Population Doublings	> 15 *

### 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](http://www.promocell.com/ethics)).



A handwritten signature in blue ink.

Christian Leppert, Ph.D.  
Quality Control Manager

Date: 7 Jun 2011

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