

# Certificate of Analysis

## Human Mammary Epithelial Cells (HMEpC)

### Description

Product Name	HMEpC-c / HMEpC-p
Order Number	C-12650 / C-12651
Lot Number	6022801.3
Donor Age / Sex / Race	23 / female / caucasian
Tissue	mammary gland
Number of Viable Cells	500.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Mammary Epithelial Cell Growth Medium (Order No.: C-21010)
Stage of Culture	HMEpC-c: thawing and seeding results in passage 2 (3 <sup>rd</sup> culture) HMEpC-p: shipped in passage 2 (3 <sup>rd</sup> culture)

### Viability & Growth Characteristics

Viability	88 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	52.3 h / PD *
Population Doublings	> 8 PD

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



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

Silke Busch, Ph.D.  
Quality Control Manager

Date: 3 Sep 2008

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

### Orders and Technical Information

PromoCell GmbH  
Sickingenstr. 63 / 65  
69126 Heidelberg  
Germany

Germany  
France  
United Kingdom  
USA  
International

Phone: 0800 – 776 66 23  
Phone: 0800 90 93 32  
Phone: 0800 96 03 33  
Phone: 1 – 866 – 251 – 2860  
Phone: +49 6221 – 649 34 0

Email: [info@promocell.com](mailto:info@promocell.com)  
[www.promocell.com](http://www.promocell.com)