

Certificate of Analysis

Human Renal Cortical Epithelial Cells (HRCEpC)

author: TM

created: 12. September 2011

page: 1/1

Description

Product Name	HRCEpC-c / HRCEpC-p
Order Number	C-12660 / C-12662
Lot Number	0050702.22
Donor Age / Sex / Race	69 / female / caucasian
Tissue / Localisation	kidney / renal cortex
Number of Viable Cells	550.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Renal Epithelial Cell Growth Medium 2 (Order No.: C-26030)
Stage of Culture	HRCEpC-c: thawing and seeding results in passage 2 (3 rd culture) HRCEpC-p: shipped in passage 2 (3 rd culture)

Viability & Growth Characteristics

Parameter / Test method*	Result
Viability / ISO 13319	83 %
Population Doubling (PD) Time in Log Phase / PDL Test	29.7 h / PD
Population Doublings	> 15 PD*

Phenotypic Characterization (tested within the first two passages)

Parameter / Test method*	Result
Immunohistochemical staining	positive for Cytokeratin

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 Planting	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).



A handwritten signature in blue ink, appearing to be "Dr. Timothy Meyer".

Dr. Timothy Meyer
Head of Quality Control

Date: Jan 3, 2012

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