

# Certificate of Analysis

## Human Follicle Dermal Papilla Cells (HFDPC)

### Description

Product Name	HFDPC-c / HFDPC-p
Order Number	C-12071 / C-12072
Lot Number	0100503.2
Donor Age / Sex / Race	47 / female / caucasian
Tissue / Localization / Hair Color	skin / lateral scalp / brown
Number of Viable Cells	550.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Follicle Dermal Papilla Cell Growth Medium (Order No.: C-26501)
Stage of Culture	HFDPC-c: thawing and seeding results in passage 2 (3 <sup>rd</sup> culture) HFDPC-p: shipped in passage 2 (3 <sup>rd</sup> culture)

### Viability & Growth Characteristics

Viability	97 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	28.9 h / PD *
Population Doublings	> 15 *

### Phenotypic Characterization (tested within the first two passages)

Alkaline phosphatase	positive by immunohistochemical staining
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### Test for Microbial Contaminants and Infectious Viruses

Bacteria / Fungi / Mycoplasma	negative / negative / negative
HIV-1	negative
HCV / HBV	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 blue ink signature of Christian Leppert.

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Quality Control Manager

Date: 8 Dec 2010

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