

# Certificate of Analysis

## Human White Preadipocytes (HWP) subcutaneous

### Description

Product Name	HWP-c / HWP-p
Order Number	C-12730 / C-12731
Lot Number	8120201.5
Donor Age / Sex / Race	62 / female / caucasian
Tissue / Localization	subcutaneous adipose tissue / upper arm
Number of Viable Cells	500.000
Freezing Medium	Cryo-SFM (Order No.: C-27410)
QC Evaluation Medium	Preadipocyte Growth Medium (Order No.: C-27410) Preadipocyte Differentiation Medium (Order No.: C-27436) Adipocyte Nutrition Medium (Order No.: C-27438)
Stage of Culture	HWP-c: thawing and seeding results in passage 2 (3 <sup>rd</sup> culture) HWP-p: shipped in passage 2 (3 <sup>rd</sup> culture)

### Viability & Growth Characteristics

Viability	90 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	16.5 h / PD *
Population Doublings	> 10 *

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

Differentiation Capacity to Adipocytes	pass
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### Test for microbiological 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 blue ink signature of Christian Leppert.

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Quality Control Manager

Date: 14 May 2010

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