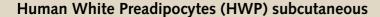
## **Certificate of Analysis**





Description	
Product Name	HWP-c / HWP-p
Order Number	C-12730 / C-12731
Lot Number	0092205
Donor Age / Sex / Race	65 / male / caucasian
Tissue / Localization	subcutaneous adipose tissue / abdomen
Number of Viable Cells	1.000.000
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 Characteris	tics
Viahility	88 % * (adherence of cells could vary under customer culture conditions)

Viability	88 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	23.9 h / PD *
Population Doublings	> 10 *

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

Differentiation Capacity to Adipocytes pass

## Test for microbiological contaminants and infectious viruses

Bacteria / Fungi / Mycoplasma	negative / negative / negative
HIV-1	negative
HBV / HCV	negative / negative

<sup>\*</sup> 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).



Christian Leppert, Ph.D. Quality Control Manager Date: 25 Feb 2011