Certificate of Analysis

Human Uterine Smooth Muscle Cells (HUtSMC)

Promo Cell

Description

Product Name	HUtSMC-c / HUtSMC-p
Order Number	C-12575 / C-12576
Lot Number	8011507.2
Donor Age / Sex / Race	48 / female / caucasian
Tissue / Localization	uterus / myometrium
Number of Viable Cells	600.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Smooth Muscle Cell Growth Medium 2 (Order No.: C-22062)
Stage of Culture	HUtSMC-c: thawing and seeding results in passage 2 (3rd culture)
	HUtSMC-p: shipped in passage 2 (3rd culture)

Viability & Growth Characteristics

Viability	73 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	22.9 h / PD *
Population Doublings	> 15 *

Phenotypic Characterization (tested within the first two passages)

Smooth muscle α-actin	positive by immunohistochemical staining
vWF / Factor VIII-related antigen	negative by immunohistochemical staining
CD90	negative 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).

APPROVED · TISSUE DONATION · PROGRAM

Silke Busch, Ph.D.
Quality Control Manager

Date: 18 Sep 2008

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