

Certificate of Analysis

Human Coronary Artery Smooth Muscle Cells (HCASMC)

Description

Product Name	HCASMC-c / HCASMC-p
Order Number	C-12511 / C-12512
Lot Number	8072501.3
Donor Age / Sex / Race	55 / male / caucasian
Tissue	coronary artery
Number of Viable Cells	550.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Smooth Muscle Cell Growth Medium 2 (Order No.: C-22062)
Stage of Culture	HCASMC-c: thawing and seeding results in passage 2 (3 rd culture) HCASMC-p: shipped in passage 2 (3 rd culture)

Viability & Growth Characteristics

Viability	73 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	27.9 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).



A handwritten signature in blue ink, appearing to read "S. Busch".

Silke Busch, Ph.D.
Quality Control Manager

Date: 19 Mar 2009

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Orders and Technical Information

PromoCell GmbH
Sickingenstr. 63 / 65
69126 Heidelberg
Germany

Germany
France
United Kingdom
USA
International

Phone: 0800 – 776 66 23
Phone: 0800 90 93 32
Phone: 0800 96 03 33
Phone: 1 – 866 – 251 – 2860
Phone: +49 6221 – 649 34 0

Email: info@promocell.com
www.promocell.com