

Certificate of Analysis



Human Tracheal Smooth Muscle Cells (HTSMC)

Description

Product Name	HTSMC-c / HTSMC-p
Order Number	C-12565 / C-12566
Lot Number	5102701.9
Donor Age / Sex / Race	56 / male / caucasian
Tissue / Localization	trachea / paries membranaceus
Number of Viable Cells	800.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Smooth Muscle Cell Growth Medium 2 (Order No.: C-22062)
Stage of Culture	HTSMC-c: thawing and seeding results in passage 2 (3 rd culture) HTSMC-p: shipped in passage 2 (3 rd culture)

Viability & Growth Characteristics

Viability	89 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	41.9 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).



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Quality Control Manager

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Orders and Technical Information

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