

Certificate of Analysis



Normal Human Epidermal Melanocytes, M2 (NHEM, M2), adult

Description

Product Name	NHEM-c M2 adult / NHEM-p M2 adult
Order Number	C-12403 / C-12453
Lot Number	7011001.2
Donor Age / Sex / Race	55 / male / caucasian
Pigmentation	lightly pigmented
Tissue / Localization	skin / cheek
Number of Viable Cells	550.000
Freezing Medium	Cryo-SFM (Order No.: C-29910)
QC Evaluation Medium	Melanocyte Growth Medium M2 (Order No.: C-24300)
Stage of Culture	NHEM-c M2 adult: thawing and seeding results in passage 2 (3 rd culture) NHEM-p M2 adult: shipped in passage 2 (3 rd culture)

Viability & Growth Characteristics

Viability	96 % * (adherence of cells could vary under customer culture conditions)
Population Doubling (PD) Time in Log Phase	42.1 h / PD *
Population Doublings	> 15 *

Phenotypic Characterization (tested within the first two passages)

Mel-5 | positive 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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