

Certificate of Analysis

Normal Human Epidermal Melanocytes, M2 (NHEM, M2)

Description

Product Name	NHEM-c M2 / NHEM-p M2
Order Number	C-12402 / C-12452
Lot Number	6022001
Donor Age / Sex / Race	1 / male / negroid
Pigmentation	darkly pigmented
Tissue / Localization	skin / foreskin
Number of Viable Cells	600.000
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: thawing and seeding results in passage 2 (3 rd culture) NHEM-p M2: 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	35.3 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).



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

Silke Busch, Ph.D.
Quality Control Manager

Date: 7 July 2008

FOR IN VITRO USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.

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