

Product sheet

ME-180 | 300196

ME-180

Description

ME-180 is a cell line derived from a patient with metastatic melanoma. It is characterized by its ability to grow in primary culture and its sensitivity to various treatments. ME-180 is a melanoma cell line that is highly tumorigenic and metastatic. It is derived from a patient with metastatic melanoma and is characterized by its ability to grow in primary culture. ME-180 is a melanoma cell line that is highly tumorigenic and metastatic. It is derived from a patient with metastatic melanoma and is characterized by its ability to grow in primary culture.

Organism Human

Tissue Skin, Melanocytes

Disease Melanoma

Metastatic site Lung, Liver, Brain

Synonyms Me-180, ME 180, ME180

ME-180

Age 66 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Cell type Melanocytes

Growth properties Adherent

ME-180

Citation ME-180 (Cytion 300196)

Biosafety level 2

NCBI_TaxID 9606

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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Do not shake the vial. Transfer the cells to a centrifuge tube and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T25 flask.
2. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.
3. Harvest the cells by trypsinization and seed them into a new T25 flask with fresh complete medium.
4. Repeat the process for subsequent passages.
5. For long-term storage, harvest the cells and freeze them in a cryovial with freezing medium.
6. Store the cryovial at -150°C.
7. Thaw the cells and resuspend them in 10 ml of complete medium.
8. Seed the cells into a T25 flask.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Coated with Cell Culture Adhesive

Freezing Procedure

Resuspend cells in freezing medium and freeze at -78°C.

Shipping Conditions

Store at -78°C during shipping.

Storage Conditions

Store at -150°C for up to 196 months.

ME-180 / ME-180 / HLA

Sterility

Cells are provided in a sterile, PCR-free medium.

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