

ME-180 | 300196

ME-180

Description	ME-180 is a cell line derived from a patient with metastatic melanoma. It is a highly tumorigenic cell line that grows as a monolayer in DMEM supplemented with 10% FBS. ME-180 cells are characterized by their ability to form large, multinucleated cells and their resistance to chemotherapy. ME-180 cells are used for studying the biology of melanoma and for testing new drugs.
Organism	Human
Tissue	Skin, Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	Me-180, ME 180, ME180

ME-180

Age	66 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Adherent

ME-180

Citation	ME-180 (Cytion 300196)
Biosafety level	2
NCBI_TaxID	9606

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CellosaurusAccession CVCL_1401

HEp-2

Viruses HPV68

HEp-2

Culture Medium McCoy's 5a, w: 3.0 g/L $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 2.0 mM $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 2.2 g/L NaHCO_3 (Cytion 820200a)

Supplements 10% FBS

Dissociation Reagent

Subculturing Cells are grown in 25 cm² flasks in McCoy's 5a medium supplemented with 10% FBS. Cells are passaged by trypsinization with 2.5% trypsin-EDTA solution, followed by centrifugation at 300 g for 5 min. Cells are resuspended in 1 mL of medium and seeded into new flasks.

Seeding density 1×10^4 cells/cm²

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed in a water bath at 37°C and seeded into flasks containing 24 wells of medium.

Freeze medium McCoy's 5a medium supplemented with 10% FBS and 10% DMSO. Cells are harvested by centrifugation at 300 g for 5 min, washed with PBS, and resuspended in 1 mL of freeze medium.

