

Product sheet

NCI-H1568 | 305137

General information

Description	Human cell line established in 1986 from a patient with a malignant melanoma.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	NCI-H1568, H-1568, NCIH1568

Cell characteristics

Age	48 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Cell line identification

Citation	NCI-H1568 (Cytion 305137)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1476

Cell line source

Cell line

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Culture Medium

RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements

10% FBS

Dissociation Reagent

Trypsin

Doubling time

42.5 days

Subculturing

Cells are grown in 25 cm² flasks. When cells reach 80-90% confluency, they are trypsinized and resuspended in 10 mL of medium. Cells are then seeded into new flasks at a density of 1 x 10⁶ cells per flask.

Fluid renewal

2 x 3 days

Freeze medium

Cells are grown in 25 cm² flasks. When cells reach 80-90% confluency, they are trypsinized and resuspended in 10 mL of medium. Cells are then seeded into new flasks at a density of 1 x 10⁶ cells per flask.

Thawing and Culturing Cells

1. Cells are grown in 25 cm² flasks. When cells reach 80-90% confluency, they are trypsinized and resuspended in 10 mL of medium. Cells are then seeded into new flasks at a density of 1 x 10⁶ cells per flask.
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Incubation Atmosphere

37°C, 5% CO_2 , humidified

Flask Coating

None

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Freezing
Procedure

1. Harvest cells and wash with PBS. 2. Count cells and resuspend in freezing medium. 3. Aliquot into 1 ml vials. 4. Freeze at -80°C.

Shipping
Conditions

1. Ship on dry ice. 2. Store at -80°C.

Storage
Conditions

1. Store at -150 to -196°C.

NCI-H1568 cells are available in two formats:

Sterility

1. Cells are tested for mycoplasma contamination. 2. Cells are tested for endotoxin. 3. Cells are tested for PCR inhibition. 4. Cells are tested for cell viability.