

Product sheet

NCI-H1568 | 305137

General Information

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

Cell Line Characteristics

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

Identification and Accession

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

Additional Information

Notes

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 42.5

Subculturing 1-3 \times 10⁵ cells per flask in 10 ml RPMI 1640 + 10% FBS. Seed into T25, 75 cm² or 175 cm² flasks. For passage 1, use 1-3 \times 10⁵ cells per flask. For passage 2, use 1-3 \times 10⁵ cells per flask. For passage 3, use 1-3 \times 10⁵ cells per flask.

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640 + 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a 15 ml centrifuge tube containing 10 ml of RPMI 1640 + 10% FBS. Centrifuge at 300 x g for 3 minutes. Resuspend cells in 10 ml of RPMI 1640 + 10% FBS. Seed cells into a T25 flask.
2. Incubate cells in a 37°C incubator with 5% CO₂ for 24 hours. Check for cell attachment.
3. If cells do not attach, add 100 μ l of 10% FBS to the medium. Incubate for 24 hours.
4. Once cells are attached, replace the medium with RPMI 1640 + 10% FBS.
5. Seed cells into a T25 flask at a density of 1-3 \times 10⁵ cells per flask.
6. Incubate cells in a 37°C incubator with 5% CO₂ for 24 hours.
7. Check for cell attachment. If cells do not attach, add 100 μ l of 10% FBS to the medium. Incubate for 24 hours.
8. Once cells are attached, replace the medium with RPMI 1640 + 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

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Freezing Procedure -78°C

Shipping Conditions -78°C

Storage Conditions -150 °C 196

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Sterility