

Product sheet

NCI-H1437 | 305110

General Information

Description	Cell line derived from a 1986 patient with metastatic melanoma.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic melanoma
Synonyms	NCI-H1437, H-1437, NCIH1437

Cell Culture

Age	60 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

References

Citation	NCI-H1437 (ATCC CCL-1437) Cytion 305110
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1472

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 44

Subculturing 3-5 days, 1:3-5 split ratio, T25, 3-5 flasks, 150-200 ml medium

Fluid renewal 2-3 times per week

Freeze medium 10% FBS + 10% DMSO

Thawing and Culturing Cells

- 1. Thaw cells quickly in a 37°C water bath.
- 2. Centrifuge at 300 x g for 3 minutes.
- 3. Wash cells in PBS.
- 4. Resuspend cells in 70% medium.
- 5. Seed cells into a 15 cm² flask.
- 6. Incubate at 37°C.
- 7. Monitor cell growth.
- 8. Harvest cells when 70-80% confluent.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

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Freezing Procedure [redacted] -78°C

Shipping Conditions [redacted] -78°C

Storage Conditions [redacted] -150 to 196

[redacted] / [redacted] / HLA

Sterility [redacted]
[redacted]