

Product sheet

NCI-H1944 | 305123

General Information

Description	Cell line derived from a patient with metastatic melanoma in 1988. The cell line is characterized by its ability to grow in primary culture and its high tumorigenicity in immunodeficient mice.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic melanoma
Synonyms	NCI-H1944, H-1944, NCIH1944

Patient Information

Age	62 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification and Safety

Citation	NCI-H1944 (ATCC CRL-1508) (NCI-H1944) (305123)
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1508

Additional Information

References

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Culture Medium RPMI 1640 2.0 \times 2.0 \times 2.0 \times 2.0 \times 2.0 \times 2.0 NaHCO₃ (820700a \times 2.0)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Split ratio 1:2 1:6

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

1. Add 100 μ l of the cell suspension to a 100 cm² flask containing 10 ml of fresh medium.
2. Incubate the cells at 37 \times 5% CO₂ for 24 hours.
3. After 24 hours, check the cells and add fresh medium if needed.
4. When the cells reach 70% confluency, they can be passaged.
5. For passage, add 15 ml of medium and 8 ml of trypsin.
6. Incubate the cells for 30 \times 3 minutes.
7. Add 10 ml of medium and 10 ml of trypsin.
8. After 10 minutes, add 10 ml of medium and 10 ml of trypsin.

Incubation Atmosphere 37 \times 5% CO₂

Flask Coating

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Freezing Procedure

Shipping Conditions

Storage Conditions

STR / HLA

Sterility

- STR Amelogenin: x
- CSF1PO: 13
- D13S317: 11
- D16S539: 11
- D5S818: 11
- D7S820: 11
- TH01: 6
- TPOX: 8
- vWA: 17
- D3S1358: 15
- D21S11: 28
- D18S51: 18
- Penta E: 5
- Penta D: 8
- D8S1179: 14
- FGA: 21,25
- D6S1043: 12
- D2S1338: 16
- D12S391: 18,22
- D19S433: 13