

Product sheet

NCI-H146 | 300182

General Information

Description	NCI-H146 cell line established by A.F. Gazdar in 1979 from a patient with metastatic melanoma.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	H146, H-146, NCIH146

Cell Line Characteristics

Age	59 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

References and Accession

Citation	NCI-H146 (ATCC CCL-146) Cytion 300182
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1473

Additional Information

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath, and transfer the cells to a pre-warmed T25 flask containing 5 ml of complete medium.
2. Incubate the cells in a humidified 5% CO₂ incubator at 37°C until cells reach 70-80% confluency.
3. Harvest cells by trypsinization, and seed into a new T25 flask with 5 ml of complete medium.
4. Incubate cells until they reach 70-80% confluency.
5. Seed cells into a T75 flask with 15 ml of complete medium.
6. Harvest cells by trypsinization, and seed into a T25 flask with 5 ml of complete medium.
7. Incubate cells until they reach 70-80% confluency.
8. Harvest cells by trypsinization, and seed into a new T25 flask with 5 ml of complete medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Harvest cells by trypsinization, and seed into a T25 flask with 5 ml of complete medium.

Shipping Conditions Cells should be shipped on dry ice at -78°C.

Storage Conditions Cells should be stored at -150°C in 196 µl of complete medium.

Genotype / Phenotype / HLA

Sterility Cells are tested for mycoplasma contamination using PCR.

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HLA

A*: '01:01:01, '03:01:01

B*: 14:02:01, 44:03:01

C*: 08:02:01, 16:01:01

DRB1*: 08:01:01, 15:01:01G

DQA1*: '01:02:01, '04:01:01

DQB1*: 04:02:01, 06:02:01

DPB1*: '02:01:02, '05:01:01

E: 01:01:01