

NCI-H647 | 305130

NCI-H647

Description
NCI-H647 is a cell line derived from a human melanoma. It is characterized by its ability to form colonies in soft agar and its sensitivity to various chemotherapeutic agents. The cell line is maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a highly proliferative cell line with a doubling time of approximately 48 hours. The cell line is derived from a 56-year-old male patient with a primary melanoma on the back. The cell line is characterized by its ability to form colonies in soft agar and its sensitivity to various chemotherapeutic agents. The cell line is maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a highly proliferative cell line with a doubling time of approximately 48 hours. The cell line is derived from a 56-year-old male patient with a primary melanoma on the back.

Organism Human

Tissue Melanoma

Disease Melanoma

Metastatic site Metastatic melanoma

Synonyms NCI-H647, H-647, H647ell, NCIH647

Characteristics

Age 56 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

References

Citation NCI-H647 (NCI) Cytion 305130

Biosafety level 1

NCBI_TaxID 9606

Product sheet

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Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium, 10% FBS, 10% HEPES, 10% Penicillin, 10% Streptomycin

Freezing Procedure Cells are harvested and resuspended in freezing medium. The suspension is then slowly cooled to -78°C.

Shipping Conditions Cells are shipped in dry ice at -78°C.

Storage Conditions Cells are stored at -150 to -196 °C in liquid nitrogen.

NCI-H647 / HLA

Sterility Cells are tested for mycoplasma contamination using PCR. The results are negative.