

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 24 hours.

Organism: Homo sapiens

Tissue: Melanocytes

Disease: Melanoma

Metastatic site: Lung, Liver, Brain, Bone

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

Characteristics

Age: 56 years

Gender: Male

Ethnicity: Caucasian

Morphology: Epithelial

Growth properties: Adherent

References

Citation: NCI-H647 (NCI Cell Line) | 305130

Biosafety level: 1

NCBI_TaxID: 9606

Product sheet

XXXXXXXX NCI-H647 | 305130

CellosaurusAccession CVCL_1574

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Culture Medium RPMI 1640 2.0 XXXXX XXXXX XXXXXXXXXXXX XXXXXXX 2.0 X/XXXX NaHCO3 (XXXX XXXXXXXX 820700a XX XXXXXXXX)

Supplements XX XXXXXXX XXXXX X 10X XX XX FBS

Dissociation Reagent XXXXXXX

Subculturing XX XXXXXXX XXXXX XXXXXXX XX XXXXXXX XXXXXXXXXXXX XXXXXXX XXXXXXXXXXXX PBS XXXXX XXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXX XXXXXXX

Fluid renewal 2 XXXX 3 XXXXX XX XXXXXXXXXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXX XXXX (XXXX XX XXX FBS) + 10% DMSO XX XXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX

- Thawing and Culturing Cells**
1. XXXXX XX XXXXX XXXXXXXXXXXX XXXXXXX XXXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXX
 2. XXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XX XXXXX XXXXXXX XXX -150 XXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX
 3. XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXX XXXXXXXXXXXX XXXXXXX XX XXXXX XXXXXXX XX XXXXX XXXXXXX XXXXXXX XXXXXXX 37 XXXXX XXXXXXX XXXXX XXXXX XXXXXXX
 4. XXXXXXX XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXX XXXXXXX XX XXXXX XXXXXXX XX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX 70% XX XXXXXXXXXXXX XXXXXXX
 5. XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXXXX XXXXXXXXXXXX XXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXX 15 XX XXXXXXX XXXX 8 XX XX XXX XXXXXXXXXXXX XX
 6. XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX 300 x XX XXXXX 3 XXXXXXX XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXXXXXX
 7. XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXX XXXXX XX 10 XX XX XXX XXXXXXX XXXXX XXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXX XXXXXXX
 8. XXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXX XXX XXXXXXXXXXX XXX XXXXXXXXXXX XXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX

Incubation Atmosphere 37 XXXXX XXXXXXXXXXXXXXX XX XX XXXXX

