

Product sheet

NCI-H69 | 300185

General information

Description	Human cell line derived from a patient with metastatic melanoma, established in 1971. It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in nude mice. The cell line is characterized by its ability to form large, multinucleated giant cells and its high tumorigenicity.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic melanoma
Synonyms	NCI-H-69, NCI H69, H69, H-69, NCIH69, NCI-HUT-69, H69/P, NCI-H69C, H69C, H69c

Characteristics

Age	55 years
Gender	Male
Ethnicity	White
Growth properties	Adherent, clonal

Identification

Citation	NCI-H69 (H69) (ATCC CCL-1579) Cytion 300185
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1579

Receptor expression

Receptors expressed	IGF II
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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a 75 cm² flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 15 ml of cells into 8 ml of medium.
6. Seed the cells into a 300 x g flask for 3 minutes. Resuspend the cells in 15 ml of medium.
7. Seed the cells into a 10 ml flask. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
8. Harvest the cells by trypsinization. Seed the cells into a 15 ml flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Cell culture flasks are pre-coated with Cell Culture Adhesive.

Freezing Procedure Harvest cells by trypsinization. Seed cells into a 15 ml flask. Incubate at 37°C in 5% CO₂ until they reach 70% confluency.

Shipping Conditions Ship cells at -78°C in dry ice.

Storage Conditions Store cells at -150°C in 196 liquid nitrogen.

NCI-H69 / HLA

Sterility Cells are free of mycoplasmas and PCR detectable viruses.

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HLA

A*: '02:01:01, '23:01:01
B*: '01:01:01, '01.02.1900 03:01
C*: 07:01:01, 14:02:01
DRB1*: 04:04:01, 04:05:01
DQA1*: 03:01:01, 03:03:01
DQB1*: 03:02:01
DPB1*: '01:01:01G, '03:01:01G
E: 01:01:01