

Product sheet

NCI-H292 | 305040

General Information

Description	Human cell line derived from a patient with metastatic melanoma, established in 1972. It is a highly tumorigenic cell line that grows as a monolayer in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The cells are characterized by their ability to form colonies in soft agar and their resistance to cisplatin.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	NCI-H292, H-292, NCI-HUT-292, Hut292, NCIH292

Cell Characteristics

Age	32 passages
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification and Accession

Citation	NCI-H292 (ATCC CCL-209) Cytion 305040
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0455

Additional Information

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 10-15 mL of medium. Incubate at 37°C with 5% CO₂.
3. Monitor the cells for attachment and growth. Change the medium after 24-48 hours.
4. Once the cells are established, passage them into a new flask when they reach 70-80% confluency.
5. Use the cells for experiments when they are in the exponential growth phase.
6. For long-term storage, harvest the cells and freeze them in a cryovial with 10% DMSO.
7. Thaw the cryovial rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
8. Seed the cells into a pre-warmed flask containing 10-15 mL of medium. Incubate at 37°C with 5% CO₂.

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

Flask Coating None

Freezing Procedure Harvest cells and freeze in a cryovial with 10% DMSO. Store at -80°C.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C, 196 K

Genotype / HLA

Sterility PCR confirmed negative for mycoplasma contamination.