

Product sheet

NCI-H1792 | 305835

General Information

Description	NCI-H1792 is a cell line derived from a patient with non-small cell lung carcinoma (NSCLC). It is a highly metastatic cell line that grows in suspension. NCI-H1792 is a highly metastatic cell line derived from a patient with non-small cell lung carcinoma (NSCLC). It is a highly metastatic cell line that grows in suspension. NCI-H1792 is a highly metastatic cell line derived from a patient with non-small cell lung carcinoma (NSCLC). It is a highly metastatic cell line that grows in suspension.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung carcinoma
Synonyms	H1792, H-1792, NCIH1792

Cell Culture

Age	50 years
Gender	Male
Ethnicity	White
Cell type	Epithelial
Growth properties	Adherent

Characterization

Citation	NCI-H1792 (ATCC CCL-149) Cytion 305835
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1495

Additional Information

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Mutational profile CDKN2A, p.Trp110Ter (c.330G>A) (p.Gly125Arg, c.373G>A), KRAS, p.Gly12Cys (c.330G>A), p.Trp110Ter (c.330G>A)

Cell Line

Culture Medium RPMI 1640, w: 2.0 mM Glutamine, w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Doubling time 45 hours

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640, w: 2.0 mM Glutamine, w: 2.0 g/L NaHCO3 (Cytion 820700a) + 10% DMSO + 10% FBS

- Thawing and Culturing Cells**
1. Thaw cells quickly in a 37°C water bath, then transfer to a 37°C incubator.
 2. Add 10 mL of complete medium to a T25 flask.
 3. Add cells to the flask and incubate at 37°C.
 4. Monitor cell growth and passage when cells reach 70% confluency.
 5. Seed cells into a 96-well plate (15 µL per well) for assay.
 6. Seed cells into a 96-well plate (300 x 3 cells per well) for assay.
 7. Seed cells into a 96-well plate (10 µL per well) for assay.
 8. Seed cells into a 96-well plate (10 µL per well) for assay.

Incubation Atmosphere 37°C, 5% CO2

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Flask Coating **TC**

Freezing Procedure **Freeze cells in 10% FBS + 10% DMSO in 1.5 ml microcentrifuge tubes. Store at -80°C.**

Shipping Conditions **Ship at -78°C.**

Storage Conditions **Store at -150 to -196°C.**

NCI-H1792 / HLA

Sterility **NCI-H1792 is PCR negative for mycoplasma contamination.**
NCI-H1792 is negative for mycoplasma, endotoxin, and other contaminants.