

NCI-H1395 | 305118

General information

Description	NCI-H1395 is a cell line derived from a male patient with non-small cell lung cancer (NSCLC). The patient was 55 years old at the time of diagnosis. The cell line was established from a biopsy specimen and is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung cancer (NSCLC)
Synonyms	NCI-H1395, H-1395, NCIH1395

Cell characteristics

Age	55 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Cell line identification

Citation	NCI-H1395 (Cytion 305118)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1467

Cell line availability

Ordering

Product sheet

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Culture Medium RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements CaCl_2 10% FBS

Dissociation Reagent CaCl_2

Subculturing Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. Cells are harvested by trypsinization with 2.5 mg/ml trypsin and 2.2 mg/ml EDTA for 3-5 min at 37°C. Cells are then washed with PBS and resuspended in fresh medium.

Fluid renewal 2-3 times per week

Freeze medium CaCl_2 10% FBS, 10% DMSO (Cytion 820700a) + 10% DMSO (Cytion 820700a) + 10% DMSO (Cytion 820700a)

Thawing and Culturing Cells

1. Cells are thawed in a water bath at 37°C and then washed with PBS.
2. Cells are resuspended in fresh medium and seeded into 25 cm² flasks.
3. Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS.
4. Cells are harvested by trypsinization with 2.5 mg/ml trypsin and 2.2 mg/ml EDTA for 3-5 min at 37°C.
5. Cells are then washed with PBS and resuspended in fresh medium.
6. Cells are seeded into 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS.
7. Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS.
8. Cells are harvested by trypsinization with 2.5 mg/ml trypsin and 2.2 mg/ml EDTA for 3-5 min at 37°C.

Incubation Atmosphere 37°C, 5% CO_2

Flask Coating CaCl_2 10% FBS, 10% DMSO (Cytion 820700a) + 10% DMSO (Cytion 820700a)

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Freezing Procedure

-78°C

Shipping Conditions

-78°C

Storage Conditions

XXXXXXXXXX / XXXXXXXXXX / HLA

Sterility

[illegible]