

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 has been shown to have a karyotype of 46,XY,der(1)t(1;11)(p11;p11), der(11)t(1;11)(p11;p11), der(12)t(12;1)(p12;p11), der(17)t(17;1)(p11;p11), der(21)t(21;1)(p11;p11).
Organism	Human
Tissue	Lung
Disease	Non-small cell lung cancer
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

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Culture Medium

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

Supplements

10% FBS

Dissociation Reagent

Trypsin

Subculturing

Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in 10 ml of medium. Cells are then seeded into new flasks at a density of 1 x 10⁶ cells per flask.

Fluid renewal

2 x 3 days

Freeze medium

Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. For freezing, cells are trypsinized and resuspended in 10 ml of medium. Cells are then seeded into new flasks at a density of 1 x 10⁶ cells per flask.

Thawing and Culturing Cells

1. Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in 10 ml of medium. Cells are then seeded into new flasks at a density of 1 x 10⁶ cells per flask.
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Incubation Atmosphere

37°C, 5% CO_2

Flask Coating

None

Freezing Procedure

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Shipping
Conditions

NCI-H1395 is a cell line that is sensitive to freezing. It should be stored at -78°C.

Storage
Conditions

NCI-H1395 should be stored at -150 to -196 °C in liquid nitrogen.

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Sterility

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