

Product sheet

NCI-H1703 | 305090

XXXXX XXXXX

**Description**  
NCI-H1703 is a cell line derived from a 54-year-old male patient with metastatic NSCLC. The cell line is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents.

**Organism** Human

**Tissue** Lung

**Disease** Non-small cell lung carcinoma

**Synonyms** NCI-H1703, H-1703, NCIH1703

XXXXXXXXXX

**Age** 54 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent

XXXXXXXXXX XXXXXXXXXXXXXXXX

**Citation** NCI-H1703 (XXXXX XXXXXXXX Cytion 305090)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1490

XXXXXXXXXX XXXX-XXXXXXXXXXXXXX

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NCI-H1703

**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** Cells are harvested by trypsinization and centrifugation. Cells are resuspended in PBS and seeded into T25, 3-5 flasks in 10% FBS. Cells are harvested after 3-5 days.

**Fluid renewal** 2-3 times per week

**Freeze medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a) + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Cells are thawed in a 37°C water bath and centrifuged at 300 x g for 5 minutes.
  2. The supernatant is removed and the cells are resuspended in RPMI 1640 + 10% FBS.
  3. Cells are seeded into T25 flasks in 10% FBS.
  4. Cells are harvested after 3-5 days when confluency reaches 70%.
  5. Cells are harvested by trypsinization and centrifugation.
  6. Cells are resuspended in RPMI 1640 + 10% FBS + 10% DMSO.
  7. Cells are seeded into T25 flasks in 10% FBS.
  8. Cells are harvested after 3-5 days.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** None

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Freezing Procedure

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Shipping Conditions

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Storage Conditions

... -150 196 ...

... / ... / HLA

Sterility

... PCR ...  
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