

Product sheet

NCI-H226 | 305091

NCI-H226

Description NCI-H226 (NSCLC) is a cell line derived from a patient with non-small cell lung cancer. It is characterized by its ability to grow in soft agar and its sensitivity to cisplatin. NCI-H226 is a cell line derived from a patient with non-small cell lung cancer. It is characterized by its ability to grow in soft agar and its sensitivity to cisplatin. NCI-H226 is a cell line derived from a patient with non-small cell lung cancer. It is characterized by its ability to grow in soft agar and its sensitivity to cisplatin.

Organism Human

Tissue Lung

Disease Non-small cell lung cancer

Synonyms NCI-H226, NCI.H226, NCI H226, H-226, HUT-226, HUT 226, NCIH226

Characteristics

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

References

Citation NCI-H226 (NCI-H226) Cytion 305091

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1544

Additional information

Keywords

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

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into 25 cm² flasks with RPMI 1640 medium supplemented with 10% FBS. When cells reach 70-80% confluency, trypsinize and seed into new flasks at a 1:2 to 1:4 split ratio.

Split ratio 1:2 to 1:4

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640 medium supplemented with 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Resuspend cells in RPMI 1640 medium supplemented with 10% FBS and seed into a 25 cm² flask.
 4. Allow cells to attach for 24 hours before refreshing the medium.
 5. Refresh the medium every 2-3 days.
 6. Harvest cells when they reach 70-80% confluency.
 7. Seed cells into new flasks at a 1:2 to 1:4 split ratio.
 8. Maintain cells in RPMI 1640 medium supplemented with 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

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Freezing Procedure -78°C

Shipping Conditions -78°C

Storage Conditions -150 to -196

HLA

Sterility