

Product sheet

NCI-H2126 | 300639

General information

Description	NCI-H2126 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 culture as a monolayer of epithelial cells. NCI-H2126 is characterized by its high tumorigenicity and its ability to form large, invasive tumors in nude mice. It is a highly metastatic cell line that grows in culture as a monolayer of epithelial cells. NCI-H2126 is characterized by its high tumorigenicity and its ability to form large, invasive tumors in nude mice.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung carcinoma
Metastatic site	Brain, Liver, Lung, Pancreas, Skin
Applications	Targeted drug discovery, Cancer research, Cell-based assays
Synonyms	H-2126, NCIH2126, NCI-H2126

Cell characteristics

Age	65 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Highly metastatic

Identification and safety

Citation	NCI-H2126 (NCI) 300639
Biosafety level	2
NCBI_TaxID	9606

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed complete medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 1-1.5 ml of complete medium.
3. Seed the cells into a 25 cm² flask containing 37 ml of complete medium.
4. Incubate the cells in a humidified CO₂ incubator at 37°C with 5% CO₂ until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed 15 x 10⁶ cells into 8 flasks.
6. Seed 300 x 10⁶ cells into 3 flasks.
7. Harvest the cells after 10 days of culture.
8. Store the cells in liquid nitrogen for long-term storage.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Coated with Cell Culture Adhesive

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Ship at -78°C.

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

ATCC / DSMZ / HLA

Sterility Sterility testing: PCR