

Product sheet

XXXXXXXX NCI-H2087 | 305824

XXXXXXXXXX XXXXX

Description NCI-H2087 is a cell line derived from a patient with non-small cell lung carcinoma (NSCLC). It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. NCI-H2087 is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice.

Organism HUMAN

Tissue LUNG

Disease NSCLC

Synonyms H2087, H-2087, NCIH2087, H-2087

XXXXXXXXXX

Age 69 years

Gender MALE

Ethnicity CAUCASIAN

Morphology Epithelial cell line

Growth properties Adherent

XXXXXXXXXX XXXXXXXXXXXXX

Citation NCI-H2087 (NCI Cell Line Development Program 305824)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1524

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Mutational profile ATM p.Glu848Gln (c.2542G>C) BRAF p.Leu597Val (c.1789C>G) TP53 p.Val157Phe (c.469G>T)

Culture Medium RPMI 1640 2.0 2.0 NaHCO3 (820700a)

Supplements 51

Dissociation Reagent

Seeding density 4×10^4

Freeze medium + 10% DMSO

Thawing and Culturing Cells

1. Add 1 ml of medium to each well of a 96-well plate.
2. Incubate at 37°C for 24 hours.
3. Add 100 µl of cells to each well.
4. Incubate at 37°C for 72 hours.
5. Add 100 µl of medium to each well.
6. Incubate at 37°C for 24 hours.
7. Harvest cells for analysis.

Incubation Atmosphere 37°C, 5% CO2

Flask Coating

