

NCI-H2087 | 305824

General information

Description	NCI-H2087 is a cell line derived from a patient with non-small cell lung cancer (NSCLC) (adenocarcinoma, metastatic) who was treated with chemotherapy and radiation therapy. NCI-H2087 is a cell line derived from a patient with non-small cell lung cancer (NSCLC). It is a cell line derived from a patient with non-small cell lung cancer (NSCLC).
Organism	Human
Tissue	Lung
Disease	Non-small cell lung cancer
Synonyms	H2087, H-2087, NCIH2087

Cell characteristics

Age	69 years
Gender	Male
Ethnicity	White
Morphology	Epithelial cells
Growth properties	Adherent

Cell line identification

Citation	NCI-H2087 (Cytion 305824)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1524

Cell line availability

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Mutational profile

ATM, p.Glu848Gln (c.2542G>C), BRAF, p.Leu597Val (c.1789C>G), MYC, p.Gln61Lys (c.181C>A), TP53, p.Val157Phe (c.469G>T),

Culture Medium

RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements

51

Dissociation Reagent

Seeding density

4 x 10⁴ /

Freeze medium

, + 10% DMSO

Thawing and Culturing Cells

1. ,
2. , -150°C
3. , 37
4. , 70%
5. 15 8
6. 200 x g 5
- 7.

Incubation Atmosphere

37°C, 5% CO₂,

Flask Coating

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Freezing Procedure

[illegible]

Shipping Conditions

[illegible]

Storage Conditions

[illegible]

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