

Cell Line HCC4006 | 305785

General Information

Description	HCC4006 is a human non-small cell lung carcinoma (NSCLC) cell line. It is derived from a 68-year-old male patient with a primary tumor in the right lung. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a good model for studying the biology of NSCLC and for testing new drugs. HCC4006 is a good model for studying the biology of NSCLC and for testing new drugs. HCC4006 is a good model for studying the biology of NSCLC and for testing new drugs.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung carcinoma
Metastatic site	Brain, bone, lymph nodes
Synonyms	HCC-4006, H460, H460R, H460S, H460T, H460V, H460W, H460X, H460Y, H460Z

Characteristics

Age	>50 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Epithelial
Growth properties	High growth rate

Applications

Citation	HCC4006 (Cell Line) Cytion 305785
Biosafety level	1

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NCBI_TaxID 9606

CellosaurusAccession CVCL_1269

Cell Line HCC4006

Mutational profile EGFR, p.Leu747_Glu749del (c.2239_2247delTAAGAGAA), (ATCC=CRL-2871, TP53, p.Tyr20 (DepMap=ACH-000066).

Cell Line HCC4006

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

Supplements 10% FBS

Dissociation Reagent

Doubling time 46

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

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**Thawing and
Culturing Cells**

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，使细胞在培养基中均匀分布。
2. 将细胞培养瓶置于 37°C 孵育箱中，在 5% CO₂ 条件下培养。细胞在 24-48 小时内应开始增殖。
3. 细胞在 37°C 孵育箱中培养，当细胞密度达到 80% 时，可进行传代。
4. 细胞在 37°C 孵育箱中培养，当细胞密度达到 80% 时，可进行传代。
5. 细胞在 37°C 孵育箱中培养，当细胞密度达到 80% 时，可进行传代。
6. 细胞在 37°C 孵育箱中培养，当细胞密度达到 80% 时，可进行传代。
7. 细胞在 37°C 孵育箱中培养，当细胞密度达到 80% 时，可进行传代。
8. 细胞在 37°C 孵育箱中培养，当细胞密度达到 80% 时，可进行传代。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于 -80°C 冰箱中冷冻。

**Shipping
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于 -80°C 冰箱中冷冻。

**Storage
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于 -80°C 冰箱中冷冻。

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Sterility

细胞在无菌条件下培养，培养基和细胞悬液均经过严格灭菌处理。PCR 检测结果显示，细胞中无 DNA 污染。