

NCI-H1048 | 305595

General information

Description	NCI-H1048 is a cell line derived from a male patient with small cell lung carcinoma (SCLC). It is characterized by high growth rate, anchorage dependence, and sensitivity to platinum-based chemotherapy. NCI-H1048 is a derivative of the H1048 cell line, which was established from a primary tumor. It is a highly tumorigenic cell line that grows in suspension and is sensitive to TP53 inhibitors. NCI-H1048 is a derivative of the H1048 cell line, which was established from a primary tumor. It is a highly tumorigenic cell line that grows in suspension and is sensitive to TP53 inhibitors.
Organism	Human
Tissue	Lung
Disease	Small cell lung carcinoma
Metastatic site	Brain, bone, lymph nodes
Synonyms	H1048, H-1048, NCIH1048

Cell characteristics

Age	53 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	High growth rate

Cell line identification

Citation	NCI-H1048 (Cytion 305595)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1453

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NCI-H1048 - NCI-H1048

MSI-status	MSI (MSI)
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NCI-H1048

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L , w: 2.5 mM L- , w: 15 mM HEPES, w: 0.5 mM , w: 1.2 g/L NaHCO ₃ 820400a)
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Supplements	5% FBS, 0.005 "/", 0.01 "/", 30 , 10 , 10
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Dissociation Reagent	
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Subculturing	NCI-H1048 cells are grown in DMEM:Ham's F12 (1:1) supplemented with 5% FBS, 0.005 "/", 0.01 "/", 30 , 10 , 10 . Cells are passaged using Trypsin-EDTA (3-5 "/") and centrifuged at 300xg for 3 minutes. Cells are resuspended in DMEM:Ham's F12 (1:1) supplemented with 5% FBS, 0.005 "/", 0.01 "/", 30 , 10 , 10 .
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Freeze medium	NCI-H1048 cells are grown in DMEM:Ham's F12 (1:1) supplemented with 5% FBS, 0.005 "/", 0.01 "/", 30 , 10 , 10 . Cells are passaged using Trypsin-EDTA (3-5 "/") and centrifuged at 300xg for 3 minutes. Cells are resuspended in DMEM:Ham's F12 (1:1) supplemented with 5% FBS, 0.005 "/", 0.01 "/", 30 , 10 , 10 .
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Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。
2. 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。
3. 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。
4. 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。
5. 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。

Media

NCI-H1048 HITES 培养基 (DMEM/F12) (Gibco, 12634-010), 含有 10% 胎牛血清 (FBS) (Gibco, 10437-020), 含有 1% 胰岛素样生长因子 (IGF) (Peprotech, 100-015), 含有 1% 转铁蛋白 (Tf) (Peprotech, 100-015), 含有 1% 硒 (Se) (Peprotech, 100-015)。

- 0.005 μg/ml 胰岛素 (Peprotech, 100-015)
- 0.01 μg/ml 转铁蛋白 (Peprotech, 100-015)
- 30 ng/ml 硒 (Peprotech, 100-015)
- 10 ng/ml 胰岛素样生长因子 (Peprotech, 100-015)
- 10 ng/ml 转铁蛋白 (Peprotech, 100-015)
- 2 μg/ml L-谷氨酰胺 (Peprotech, 100-015)
- 5% 胎牛血清 (Peprotech, 100-015)

- 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。
- 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。
- 将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Shipping
Conditions

细胞在含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。

Storage
Conditions

细胞在含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中，将细胞悬液缓慢加入含有培养基的孔板中。

NCI-H1048 细胞系 (NCI-H1048) (ATCC, CCL-219)

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Sterility

Das Produkt ist steril und kann für PCR-Analysen verwendet werden.

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