

**Cell Line** SCLC-22H | 300445

**General Information**

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description     | SCLC-22H is a human small cell lung carcinoma (SCLC) cell line derived from a 46-year-old male patient. It is characterized by high expression of neuroendocrine markers (NSE, CEA, etc.) and is highly tumorigenic in vivo. SCLC-22H is a highly tumorigenic cell line derived from a patient with SCLC. It is characterized by high expression of neuroendocrine markers (NSE, CEA, etc.) and is highly tumorigenic in vivo. SCLC-22H is a highly tumorigenic cell line derived from a patient with SCLC. It is characterized by high expression of neuroendocrine markers (NSE, CEA, etc.) and is highly tumorigenic in vivo. |
| Organism        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tissue          | Lung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Disease         | Small cell lung carcinoma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Metastatic site | Brain, bone, lymph nodes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Synonyms        | SCLC22H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**Characteristics**

|                   |                                           |
|-------------------|-------------------------------------------|
| Age               | 46 years                                  |
| Gender            | Male                                      |
| Ethnicity         | White                                     |
| Morphology        | Small, round, blue cells, typical of SCLC |
| Growth properties | Highly tumorigenic                        |

**Additional Information**

|                      |                                    |
|----------------------|------------------------------------|
| Citation             | SCLC-22H (Cell Line) Cytion 300445 |
| Biosafety level      | 1                                  |
| NCBI_TaxID           | 9606                               |
| CellosaurusAccession | CVCL_2186                          |

XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXXXX

|                              |                       |
|------------------------------|-----------------------|
| <b>Tumorigenic</b>           | XX, XXXXXXXX XXXXXXXX |
| <b>Reverse transcriptase</b> | XXXXX                 |
| <b>Karyotype</b>             | XXXXX XXXXXXX 43      |

**XXXXXX**

[illegible]

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**Thawing and  
Culturing Cells**

1. 将细胞冻存管放入 37°C 水浴中快速解冻，解冻后立即将细胞悬液转移到含有 1 mL 培养基的离心管中，离心（1500 rpm，5 min），弃去上清液，加入 1 mL 培养基，重悬细胞。
2. 将细胞悬液接种到含有 10 mL 培养基的细胞培养瓶中，将培养瓶置于 37°C、5% CO<sub>2</sub> 培养箱中培养。当细胞达到 80% 汇合时，进行传代。
3. 将细胞悬液接种到含有 10 mL 培养基的细胞培养瓶中，将培养瓶置于 37°C、5% CO<sub>2</sub> 培养箱中培养。当细胞达到 80% 汇合时，进行传代。
4. 将细胞悬液接种到含有 10 mL 培养基的细胞培养瓶中，将培养瓶置于 37°C、5% CO<sub>2</sub> 培养箱中培养。当细胞达到 80% 汇合时，进行传代。
5. 将细胞悬液接种到含有 10 mL 培养基的细胞培养瓶中，将培养瓶置于 37°C、5% CO<sub>2</sub> 培养箱中培养。当细胞达到 80% 汇合时，进行传代。
6. 将细胞悬液接种到含有 10 mL 培养基的细胞培养瓶中，将培养瓶置于 37°C、5% CO<sub>2</sub> 培养箱中培养。当细胞达到 80% 汇合时，进行传代。
7. 将细胞悬液接种到含有 10 mL 培养基的细胞培养瓶中，将培养瓶置于 37°C、5% CO<sub>2</sub> 培养箱中培养。当细胞达到 80% 汇合时，进行传代。
8. 将细胞悬液接种到含有 10 mL 培养基的细胞培养瓶中，将培养瓶置于 37°C、5% CO<sub>2</sub> 培养箱中培养。当细胞达到 80% 汇合时，进行传代。

**Incubation  
Atmosphere**

37°C, 5% CO<sub>2</sub>, 饱和湿度

**Flask Coating**

无需涂层

**Freezing  
Procedure**

将细胞悬液接种到含有 1 mL 培养基的冻存管中，将冻存管置于 -80°C 冰箱中冷冻。当细胞达到 80% 汇合时，进行传代。

**Shipping  
Conditions**

将细胞冻存管放入冰袋中，置于 -80°C 冰箱中冷冻。当细胞达到 80% 汇合时，进行传代。

**Storage  
Conditions**

将细胞冻存管放入冰袋中，置于 -80°C 冰箱中冷冻。当细胞达到 80% 汇合时，进行传代。

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**Sterility**

本产品经过严格的灭菌处理，确保无菌。本产品适用于 PCR 扩增、基因测序、细胞培养等实验。本产品经过严格的灭菌处理，确保无菌。本产品适用于 PCR 扩增、基因测序、细胞培养等实验。

**XXXX SCLC-22H | 300445**

**XXXXXX STR**

**CSF1PO:** 10  
**D13S317:** 12  
**D16S539:** 12  
**D5S818:** 11,12  
**D7S820:** 11  
**TH01:** 9 XXXX  
**TPOX:** 8,9  
**vWA:** 17,18  
**D3S1358:** 15  
**D21S11:** 29,31.2  
**D18S51:** 14,15  
**Penta E:** 12,13  
**Penta D:** 9  
**D8S1179:** 12,13  
**FGA:** 22

**XXXXXX HLA**

**A\*:** '01:01:01, '32:01:01  
**B\*:** '27:05:02, '51:01:01  
**C\*:** 02:02:02  
**DRB1\*:** '04:01:01, '09:01:02G  
**DQA1\*:** 03:01:01, 03:02:01  
**DQB1\*:** 03:02:01, 03:03:02  
**DPB1\*:** '02:01:02, '04:01:01  
**E:** 01:01:01