

KYSE520 | 305449

General information

Description	KYSE520 is a human esophageal squamous cell carcinoma (ESCC) cell line. It was established from a 58-year-old male patient with esophageal cancer. The cell line is characterized by its high growth rate and its ability to form tumors in nude mice. KYSE520 cells are highly sensitive to cisplatin and paclitaxel. The cell line is also characterized by its high expression of EGFR and HER2. KYSE520 cells are highly sensitive to EGFR inhibitors and HER2 inhibitors. KYSE520 cells are highly sensitive to cisplatin and paclitaxel. The cell line is also characterized by its high expression of EGFR and HER2. KYSE520 cells are highly sensitive to EGFR inhibitors and HER2 inhibitors.
Organism	Human
Tissue	Esophagus
Disease	Esophageal squamous cell carcinoma
Synonyms	KYSE 520, KYSE-520, Kyse520, KYSE0520

Cell characteristics

Age	58 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	High growth rate, highly sensitive to cisplatin and paclitaxel

Cell culture conditions

Citation	KYSE520 (Cytion 305449)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1355

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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，然后将培养瓶置于37°C CO₂培养箱中培养。
2. 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，然后将培养瓶置于37°C CO₂培养箱中培养。
3. 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，然后将培养瓶置于37°C CO₂培养箱中培养。
4. 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，然后将培养瓶置于37°C CO₂培养箱中培养。
5. 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，然后将培养瓶置于37°C CO₂培养箱中培养。
6. 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，然后将培养瓶置于37°C CO₂培养箱中培养。
7. 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，然后将培养瓶置于37°C CO₂培养箱中培养。
8. 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，然后将培养瓶置于37°C CO₂培养箱中培养。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

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，然后将培养瓶置于37°C CO₂培养箱中培养。

**Shipping
Conditions**

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，然后将培养瓶置于37°C CO₂培养箱中培养。

**Storage
Conditions**

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，然后将培养瓶置于37°C CO₂培养箱中培养。

细胞悬液

Sterility

细胞悬液在37°C CO₂培养箱中培养，用于PCR扩增。细胞悬液在37°C CO₂培养箱中培养，用于PCR扩增。