

LS513 | 300457

Cell line

Description	LS513 is a human cell line derived from a patient with a p53 wild-type mutation. It is characterized by its high growth rate and its ability to form colonies in soft agar. The cell line is derived from a patient with a p53 wild-type mutation, which is a common mutation in many types of cancer. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. The cell line is derived from a patient with a p53 wild-type mutation, which is a common mutation in many types of cancer. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. The cell line is derived from a patient with a p53 wild-type mutation, which is a common mutation in many types of cancer. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar.
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Organism	Human
Tissue	Colon
Disease	Colorectal cancer
Synonyms	LS513, LS 513

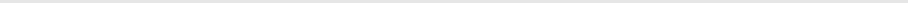
Cell line characteristics

Age	63 years
Gender	Male
Ethnicity	White
Morphology	Epithelial cells
Growth properties	High growth rate

Cell line identification

Citation	LS513 (Cytion 300457)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1386

Protein expression	CEA+ (50%), p53+
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Tumorigenic 

Karyotype 46,XX,del(1)(p11),der(1)t(1;13)(p11;p11) 2-3 cells examined, normal karyotype, 46,XX,del(1)(p11),der(1)t(1;13)(p11;p11) 15.

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L α -MEM, w: 2.5 mM L- α -GLUTAMINE, w: 15 mM HEPES, w: 0.5 mM β -MERCAPTOETHANOL, w: 1.2 g/L 820400a)

Dissociation Reagent 

Seeding density

Post-Thaw Recovery

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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。

细胞培养

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。

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HLA

A*: '32:01:01

B*: '51:01:01

C*: 01:02:01

DRB1*: 11:01:01

DQA1*: 05:05:01

DQB1*: 03:01:01

DPB1*: 04:01:01

E: 01:01:01