

XXX LX-2 | 305039

Description	LX-2 是一种源自人肝星状细胞的细胞系，常用于研究肝纤维化和肝硬化。该细胞系具有典型的成纤维细胞形态，能够分泌大量的细胞外基质成分，如胶原蛋白和弹性蛋白。LX-2 细胞在体外培养时，能够模拟肝纤维化过程中的细胞行为，是研究肝纤维化发病机制和药物筛选的重要模型。
Organism	人
Tissue	肝组织
Synonyms	星状细胞 LX-2

XXXXXXXXXXXX

Age	0000 00 00000
Gender	0000
Morphology	000000
Cell type	0000 0000 0000
Growth properties	0000

Citation	Lx-2 (XXXXXXXXXX Cytion 305039)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5792

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Cell Line | 305039

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM sodium pyruvate (all from Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in 25 cm² flasks in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is changed every 2-3 days.

Fluid renewal 2-3 times per week

Freeze medium FBS, 10% DMSO, 10% FBS (all from Cytion 820300a) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a water bath at 37°C.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Wash cells with PBS.
4. Resuspend cells in DMEM supplemented with 10% FBS.
5. Seed cells into a 25 cm² flask.
6. Incubate cells at 37°C in 5% CO₂.
7. Change medium every 2-3 days.
8. Pass cells when they reach 80-90% confluency.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Cells are grown in 25 cm² flasks in DMEM supplemented with 10% FBS. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The medium is changed every 2-3 days.

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**Shipping
Conditions**

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C .

**Storage
Conditions**

Storage conditions: The product is stored at -150 to -196°C in a temperature-controlled container.

Shipping conditions

Sterility

The product is sterile and suitable for PCR. The product is packaged in a sterile container.