

Li-7 | 305102

General information

Description	Li-7 is a cell line derived from a human hepatocellular carcinoma (HCC) cell line, which is a type of cancer that originates in the liver. It is characterized by its high growth rate and its ability to form colonies in soft agar. Li-7 cells are commonly used in research to study the biology of HCC and to test potential therapies. Li-7 cells are derived from a human hepatocellular carcinoma (HCC) cell line, which is a type of cancer that originates in the liver. It is characterized by its high growth rate and its ability to form colonies in soft agar. Li-7 cells are commonly used in research to study the biology of HCC and to test potential therapies.
Organism	Human
Tissue	Liver
Disease	Hepatocellular carcinoma
Synonyms	LI7, Li7, C-Li-7

Cell characteristics

Age	45 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial
Growth properties	Adherent

Cell culture conditions

Citation	Li-7 (Cytion 305102)
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3840

Cell culture media

References

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Culture
Medium

RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements

10% FBS

Dissociation
Reagent

Subculturing

Cells are grown in Cytion 820700a medium. For subculturing, cells are trypsinized with Trypsin-EDTA (Cytion 820700a) for 3-5 min at 37°C. Cells are then washed with PBS and resuspended in fresh medium.

Freeze
medium

Freezing medium consists of Cytion 820700a medium supplemented with 10% DMSO (Cytion 820700a) and 10% FBS (Cytion 820700a).

Thawing and
Culturing Cells

1. Cells are thawed in a water bath at 37°C. The cells are then washed with PBS and resuspended in fresh medium.
2. Cells are seeded into a 25 cm² flask and allowed to attach for 24 hours.
3. Cells are then trypsinized with Trypsin-EDTA (Cytion 820700a) for 3-5 min at 37°C. Cells are then washed with PBS and resuspended in fresh medium.
4. Cells are seeded into a 25 cm² flask and allowed to attach for 24 hours.
5. Cells are then trypsinized with Trypsin-EDTA (Cytion 820700a) for 3-5 min at 37°C. Cells are then washed with PBS and resuspended in fresh medium.
6. Cells are seeded into a 25 cm² flask and allowed to attach for 24 hours.
7. Cells are then trypsinized with Trypsin-EDTA (Cytion 820700a) for 3-5 min at 37°C. Cells are then washed with PBS and resuspended in fresh medium.
8. Cells are seeded into a 25 cm² flask and allowed to attach for 24 hours.

Incubation
Atmosphere

37°C, 5% CO_2 , humidified

Flask Coating

Freezing
Procedure

Cells are washed with PBS and resuspended in freezing medium. The cells are then seeded into a 25 cm² flask and allowed to attach for 24 hours.

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Shipping
Conditions

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

Storage
Conditions

Storage conditions: Store at -150 to -196°C in a cryogenic storage container.

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Sterility

The product is sterile and suitable for PCR applications. It is provided in a sterile, sealed container. The product is not for use in clinical applications.