

Product sheet

Li-7 | 305102

General Information

Description	Li-7 is a cell line derived from a human colon adenocarcinoma (HCC) cell line. It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. Li-7 cells are characterized by their ability to form large, solid, and necrotic xenografts in the subcutaneous tissue of immunodeficient mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor-1 (IGF-1). Li-7 cells are highly tumorigenic and form large, solid, and necrotic xenografts in the subcutaneous tissue of immunodeficient mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor-1 (IGF-1). Li-7 cells are highly tumorigenic and form large, solid, and necrotic xenografts in the subcutaneous tissue of immunodeficient mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml insulin-like growth factor-1 (IGF-1).
Organism	Human
Tissue	Colon
Disease	Colorectal adenocarcinoma
Synonyms	LI7, Li7, C-Li-7, C-Li-7

Characteristics

Age	45 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Highly tumorigenic, forms large, solid, and necrotic xenografts in immunodeficient mice.

References

Citation	Li-7 (ATCC CCL-305102)
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3840

Additional Information

Notes

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Culture Medium RPMI 1640 (Gibco) 2.0 mM L-glutamine (Gibco) 2.0 mM NaHCO₃ (Gibco) 820700a (Gibco)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into fresh medium containing 10% FBS

Freeze medium DMEM (Gibco) + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Add 10 ml of fresh medium containing 10% FBS to the cells.
 3. Incubate cells in a 37°C incubator.
 4. Once cells are established, replace the medium with 70% fresh medium.
 5. Incubate cells in a 37°C incubator.
 6. Once cells are established, replace the medium with 300 × fresh medium.
 7. Incubate cells in a 37°C incubator.
 8. Once cells are established, replace the medium with 10 × fresh medium.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Adherent cells

Freezing Procedure Seed cells into fresh medium containing 10% FBS

