

Product sheet

Li-7 | 305102

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol in T25, 75 or 150 cm² flasks. Cells are passaged every 3-5 days. Cells are passaged by trypsinization and seeding into fresh medium.

Freeze medium RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol (Cytion 820700a) + 10% DMSO (Cytion 820700a) + 10% FBS (Cytion 820700a)

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 5 minutes. Remove supernatant and resuspend cells in 10 mL of RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol. Seed cells into a T25 flask.
 2. Incubate cells in a humidified 5% CO₂ incubator at 37°C. Monitor cell growth and passage cells when they reach 70-80% confluency.
 3. For subculturing, trypsinize cells and seed them into fresh medium. Cells should be passaged every 3-5 days.
 4. For freezing, trypsinize cells and resuspend them in freezing medium. Seed cells into a T25 flask.
 5. For thawing, thaw cells rapidly in a 37°C water bath. Transfer cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 5 minutes. Remove supernatant and resuspend cells in 10 mL of RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol. Seed cells into a T25 flask.
 6. Incubate cells in a humidified 5% CO₂ incubator at 37°C. Monitor cell growth and passage cells when they reach 70-80% confluency.
 7. For subculturing, trypsinize cells and seed them into fresh medium. Cells should be passaged every 3-5 days.
 8. For freezing, trypsinize cells and resuspend them in freezing medium. Seed cells into a T25 flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture flasks are coated with Cell Culture Adhesion Promoter (Cytion 820700a).

Freezing Procedure Cells are frozen in freezing medium and stored at -78°C.

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196°C

HLA

Sterility

PCR