

Product sheet

NCI-H3122 | 300484

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, 2.0 mM β -mercaptoethanol, and 2.0 g/L NaHCO₃ (Cytion 820700a) in T25, 75, or 150 cm² flasks. Cells are passaged every 3-5 days. Cells are harvested by trypsinization and centrifugation.

Freeze medium RPMI 1640 medium supplemented with 10% FBS, 2.0 mM β -mercaptoethanol, and 2.0 g/L NaHCO₃ (Cytion 820700a) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Add 10 ml of RPMI 1640 medium supplemented with 10% FBS to the cells.
 3. Centrifuge cells at 300 x g for 5 minutes.
 4. Resuspend cells in 10 ml of RPMI 1640 medium supplemented with 10% FBS.
 5. Seed cells into a T25 flask.
 6. Incubate cells in a 37°C incubator with 5% CO₂.
 7. Monitor cell growth and passage cells when they reach 70-80% confluency.
 8. Harvest cells by trypsinization and centrifugation.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Cell culture flasks are coated with Cell Culture Adhesion Promoter (CCAP) solution.

Freezing Procedure Cells are harvested by trypsinization and centrifugation. Cells are resuspended in RPMI 1640 medium supplemented with 10% FBS, 2.0 mM β -mercaptoethanol, and 2.0 g/L NaHCO₃ (Cytion 820700a) + 10% DMSO.

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196 K

HLA

Sterility

PCR

HLA

- A*: 03:01:01
- B*: '35:01:01
- C*: 04:01:01
- DRB1*: 13:01:01
- DQA1*: 01:03:01
- DQB1*: 06:03:01
- DPB1*: 14:01:01
- E: 01:03:02