

Product sheet

NCI-H1299 | 300485

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

Supplements 10% FBS, 2.5 μ M/100 μ M HEPES

Dissociation Reagent Trypsin

Subculturing Seed cells into fresh medium containing 10% FBS, 2.5 μ M/100 μ M HEPES, 2.0 mM β -mercaptoethanol, 2.0 g/L NaHCO₃ (Cytion 820700a) in 25 cm² flasks. Split ratio 1:3 to 1:10.

Fluid renewal 2 to 3 times per week

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

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath, then transfer to a 15 mL centrifuge tube.
 2. Add 10 mL of RPMI 1640 medium containing 10% FBS, 2.5 μ M/100 μ M HEPES, 2.0 mM β -mercaptoethanol, 2.0 g/L NaHCO₃ (Cytion 820700a).
 3. Centrifuge at 300 x g for 3 minutes.
 4. Resuspend cells in 10 mL of RPMI 1640 medium containing 10% FBS, 2.5 μ M/100 μ M HEPES, 2.0 mM β -mercaptoethanol, 2.0 g/L NaHCO₃ (Cytion 820700a).
 5. Seed cells into a 25 cm² flask containing 15 mL of RPMI 1640 medium containing 10% FBS, 2.5 μ M/100 μ M HEPES, 2.0 mM β -mercaptoethanol, 2.0 g/L NaHCO₃ (Cytion 820700a).
 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. Pass cells into a new 25 cm² flask containing 15 mL of RPMI 1640 medium containing 10% FBS, 2.5 μ M/100 μ M HEPES, 2.0 mM β -mercaptoethanol, 2.0 g/L NaHCO₃ (Cytion 820700a).

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Seed cells into a 15 mL centrifuge tube containing 15 mL of RPMI 1640 medium containing 10% FBS, 2.5 μ M/100 μ M HEPES, 2.0 mM β -mercaptoethanol, 2.0 g/L NaHCO₃ (Cytion 820700a) + 10% DMSO. Centrifuge at 300 x g for 3 minutes. Resuspend cells in 1 mL of RPMI 1640 medium containing 10% FBS, 2.5 μ M/100 μ M HEPES, 2.0 mM β -mercaptoethanol, 2.0 g/L NaHCO₃ (Cytion 820700a) + 10% DMSO. Freeze cells in a -80°C freezer.

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Shipping Conditions -78°C

Storage Conditions

Store at -150 to -196 °C

ATCC / DSMZ / HLA

Sterility

PCR ready

Freeze storage