

LA795 | 300472

Culture Medium

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

Supplements

10% FBS

Dissociation Reagent

Trypsin

Subculturing

Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in PBS. Cells are then seeded into new flasks at a density of 1-5 x 10⁵ cells per flask. Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS.

Freeze medium

Freezing medium: RPMI 1640 medium supplemented with 10% FBS and 10% DMSO. Cells are resuspended in freezing medium and seeded into freezing vials.

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath. Add 10 ml of RPMI 1640 medium supplemented with 10% FBS to the vial.
2. Resuspend cells in 10 ml of RPMI 1640 medium supplemented with 10% FBS. Seed cells into a 25 cm² flask.
3. Incubate cells in a 37°C incubator with 5% CO₂ for 24 hours.
4. Remove medium and replace with fresh RPMI 1640 medium supplemented with 10% FBS.
5. Incubate cells in a 37°C incubator with 5% CO₂ for 24 hours.
6. Remove medium and replace with fresh RPMI 1640 medium supplemented with 10% FBS.
7. Incubate cells in a 37°C incubator with 5% CO₂ for 24 hours.
8. Remove medium and replace with fresh RPMI 1640 medium supplemented with 10% FBS.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing Procedure

Cells are resuspended in freezing medium and seeded into freezing vials. Vials are frozen in a -80°C freezer.

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Shipping
Conditions

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

Storage
Conditions

Storage conditions: The product is stored at -150 to -196°C in a temperature-controlled container.

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Sterility

The product is sterile and suitable for PCR. The product is sterile and suitable for PCR. The product is sterile and suitable for PCR.