

Product sheet

Panc02 | 300501

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

Supplements 10% FBS

Dissociation Reagent

Subculturing Cells are harvested by trypsinization of confluent cultures using Trypsin-EDTA (Cytion 820700a) and centrifuged at 300 x g for 5 min. Cells are washed with PBS and resuspended in complete medium. Cells are seeded into new flasks at a density of 1 x 10⁵ cells per flask.

Freeze medium Complete medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 5 min and resuspend in complete medium.
 3. Seed cells into a flask at a density of 1 x 10⁵ cells per flask.
 4. Incubate cells in a 37°C incubator with 5% CO₂.
 5. Monitor cell growth and passage cells when they reach 70-80% confluency.
 6. Harvest cells by trypsinization and centrifugation.
 7. Resuspend cells in complete medium and seed into a new flask.
 8. Repeat the process for subsequent passages.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure

