

SUM159PT | 305116

Culture Medium DMEM (12x) 1.0, FBS (10x) 1.0, NaHCO₃ (10x) 1.1

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing 1:3 split ratio into fresh medium

Fluid renewal 2-3 times per week

Freeze medium DMEM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw vials in a 37°C water bath.
 2. Add 10 ml of DMEM + 10% FBS to a 150 cm² flask.
 3. Add cells to the flask and incubate at 37°C.
 4. Once cells are attached, replace medium with 70% DMEM + 30% FBS.
 5. Incubate for 15-20 days until cells reach confluence.
 6. Harvest cells using trypsin (300x) for 3-5 minutes.
 7. Wash cells with PBS (10x) and resuspend in DMEM + 10% FBS.
 8. Seed cells into a new flask.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Adherent cells

Freezing Procedure 1:1 ratio of cells to freeze medium, store at -78°C

