



# PATU898888T | 305133

**Culture Medium** DMEM 4.5 g/l, Glucose 4 g/l, L-Glutamine 3.7 g/l, NaHCO<sub>3</sub> 1.0 g/l, Penicillin (100 U/ml), Streptomycin (100 U/ml), Fungizone (0.25 µg/ml)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Doubling time** 22-30 days

**Subculturing** Cells are detached using trypsin and resuspended in PBS. Cells are then seeded into fresh medium.

**Split ratio** 1:4 to 1:6

**Fluid renewal** 2-3 times per week

**Freeze medium** Serum-free medium (DMEM + 10% DMSO) + 10% FBS

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
  2. Centrifuge cells at 300 x g for 3 minutes.
  3. Wash cells with PBS.
  4. Resuspend cells in fresh medium.
  5. Seed cells into a 25 cm<sup>2</sup> flask.
  6. Incubate cells at 37°C in 5% CO<sub>2</sub>.
  7. Monitor cell growth and confluency.
  8. Harvest cells when they reach 70-80% confluency.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating** None

