



# Product sheet

## NCCIT | 305080

**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in RPMI 1640 medium supplemented with 10% FBS and seeded into T25 or 375 cm<sup>2</sup> flasks.

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

**Freeze medium** RPMI 1640 medium supplemented with 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 RPMI 1640 medium supplemented with 10% FBS.
  3. Seed cells into T25 or 375 cm<sup>2</sup> flasks.
  4. Allow cells to attach and then refresh medium to 70% confluency.
  5. Harvest cells by trypsinization and centrifugation at 300 x g for 5 min.
  6. Resuspend cells in RPMI 1640 medium supplemented with 10% FBS.
  7. Seed cells into T25 or 375 cm<sup>2</sup> flasks.
  8. Allow cells to attach and then refresh medium to 70% confluency.

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

**Flask Coating** None

**Freezing Procedure** Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in RPMI 1640 medium supplemented with 10% FBS + 10% DMSO and seeded into cryovials.

