

Product sheet

NCI-H2170 | 305276

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

Supplements 10% FBS, 2.5 μ M/100 mL HEPES

Dissociation Reagent Trypsin

Subculturing Cells are harvested by trypsinization and centrifugation. Cells are resuspended in PBS containing penicillin, streptomycin, and fungicide (PSF), and seeded into T25 flasks. Cells are grown in 3-5 mL of PSF.

Split ratio 1:3 to 1:6

Fluid renewal 1 to 2 times per week

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

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Resuspend cells in 37°C PSF.
 4. Seed cells into T25 flasks at 70% confluency.
 5. Incubate cells in 15 mL of PSF in 8 mL flasks.
 6. Centrifuge cells at 300 x g for 3 minutes.
 7. Resuspend cells in 10 mL of PSF.
 8. Seed cells into T25 flasks.

Incubation Atmosphere 37°C, 5% CO₂

