

Product sheet

NCI-H1944 | 305123

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

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol. Cells are grown in T25 flasks, 3-5 \times 10⁶ cells per flask. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 minutes. Cells are resuspended in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.

Split ratio 1:2 to 1:6

Fluid renewal 2 to 3 times per week

Freeze medium RPMI 1640 medium supplemented with 10% FBS and 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 5 minutes.
 3. Resuspend cells in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.
 4. Seed cells into T25 flasks at a density of 70% confluence.
 5. Incubate cells in a 37°C incubator with 5% CO₂.
 6. Harvest cells by trypsinization and centrifugation at 300 x g for 5 minutes.
 7. Resuspend cells in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.
 8. Seed cells into T25 flasks at a density of 70% confluence.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

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Freezing Procedure ... -78°C

Shipping Conditions ... -78°C

Storage Conditions ... -150 to 196

STR / HLA

Sterility ...

- STR**
- Amelogenin:** x,x
- CSF1PO:** 13
- D13S317:** 11
- D16S539:** 11
- D5S818:** 11
- D7S820:** 11,12
- TH01:** 6,7
- TPOX:** 8
- vWA:** 17,18
- D3S1358:** 15,18
- D21S11:** 28,31
- D18S51:** 18,19
- Penta E:** 5,11
- Penta D:** 8,11
- D8S1179:** 14,15
- FGA:** 21,25
- D6S1043:** 12,18
- D2S1338:** 16,19
- D12S391:** 18,22
- D19S433:** 13,14