

Product sheet

NCI-H460 | 305020

NCI-H460

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 harvested by trypsinization and centrifugation. Cells are resuspended in PBS and seeded into T25, 3-5 ml PBS, 3 ml. Cells are seeded into T25, 3-5 ml PBS, 3 ml.

Fluid renewal 2-3 times per week

Freeze medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a) + 10% DMSO + 10% FBS

- 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 10 ml of RPMI 1640 medium.
 4. Seed cells into a T25 flask at 70% confluency.
 5. Incubate cells at 37°C in 5% CO₂.
 6. Harvest cells when they reach 70-80% confluency.
 7. Seed cells into a T25 flask at 70% confluency.
 8. Incubate cells at 37°C in 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Product sheet

NCI-H460 | 305020

Freezing Procedure

NCI-H460 cells are grown in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin. For freezing, cells are harvested into 15 mL centrifuge tubes and centrifuged at 300 x g for 5 minutes. The supernatant is removed and the cell pellet is resuspended in 1 mL of freezing medium (DMEM supplemented with 10% FBS, 1% penicillin/streptomycin, and 10% DMSO). The cells are then frozen in a controlled rate freezer and stored at -78°C.

Shipping Conditions

NCI-H460 cells are shipped in a dry ice container at -78°C.

Storage Conditions

NCI-H460 cells are stored at -150 to -196°C in liquid nitrogen.

NCI-H460 / HLA

Sterility

NCI-H460 cells are tested for sterility using PCR and culture. The cells are found to be free of mycoplasma contamination. The cells are also tested for sterility using PCR and culture. The cells are found to be free of mycoplasma contamination.