

AU565 | 305313

Receptors expressed EGFR (EGF)

Oncogenes KRAS/HRAS (RAS pathway) PI3K+ AKT+ RAS53+

Mutational profile TP53 p.Arg175His (c.524G>A) PTEN

Culture Medium RPMI 1640 2.0 mM Glucose 2.0 mM NaHCO3 (820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing 1:2 split into fresh medium

Fluid renewal 1:2 split into fresh medium

Freeze medium 10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 100 µl of medium.
3. Seed into a 96-well plate (37°C, 5% CO₂). Seed density: 37,000 cells/well.
4. Incubate for 70% confluency.
5. Harvest at 15 days. Yield: 8 x 10⁶ cells.
6. Seed into a 300 x 3 cm flask. Seed density: 300,000 cells/flask.
7. Harvest at 10 days. Yield: 10 x 10⁶ cells.
8. Harvest at 10 days. Yield: 10 x 10⁶ cells.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Yes

Freezing Procedure

Freeze in 100 µl of freezing medium. Store at -196°C.

Shipping Conditions

Ship at -196°C.

Storage Conditions

Store at -150°C to -196°C.

/ / HLA

Sterility

PCR negative. Sterility testing: PCR, Mycoplasma, Bacteria, Fungi, Endotoxin.