

NCI-H2009 | 305283

Cell Line

Viruses EBV (EBV)

Mutational profile B2M p.Met1Val (c.1A>G) B2M p.Gln28Ter (c.82C>T) KRAS p.Gly12Ala (c.35G>C) (C228T) TP53 p.Arg273Leu (c.818G>T)

Media

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 / 2.5 15 (15)

Supplements 5 FBS 0.005 / 0.01 30 10

Dissociation Reagent

Subculturing PBS

Split ratio 1:3 1:6

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 10 ml of pre-warmed medium.
3. Seed the cells into a 25 cm² flask containing 10 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂.
5. Monitor the cells for attachment and growth. Change the medium after 24 hours.
6. Once the cells are established, passage them into a new flask.
7. The cells should reach confluence within 7-10 days.
8. Harvest the cells for analysis or cryopreservation.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C to -196°C

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Sterility Sterility testing performed (PCR) ...