

HEP3B | 305141

HEP3B - HEP3B

Protein expression α-Fetoprotein (Alpha-Fetoprotein), Hbsag, α-2 Macroglobulin (Alpha-2-Macroglobulin), Antichymotrypsin, α-1 Antitrypsin

Tumorigenic

HEP3B

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements 10% FBS 1% NEAA

Dissociation Reagent Trypsin

Subculturing 1. Wash cells with PBS. 2. Add 1 ml Trypsin to each well. 3. Incubate at 37°C for 5 min. 4. Add 1 ml PBS. 5. Pipette up cells into a 15 ml tube. 6. Centrifuge at 300 x g for 5 min. 7. Resuspend cells in 1 ml PBS. 8. Count cells. 9. Seed cells into a new well.

Fluid renewal 2-3 times per week

Freeze medium 10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a flask containing 10 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
3. Once cells are attached, replace the medium with fresh pre-warmed medium.
4. Monitor cell growth and confluency. Harvest cells at 70-80% confluency.
5. Seed cells into a flask containing 15 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
6. Harvest cells by centrifugation at 300 x g for 3 minutes. Wash cells with PBS.
7. Resuspend cells in 10 mL of pre-warmed medium. Seed cells into a flask containing 10 mL of pre-warmed medium.
8. Harvest cells by centrifugation at 300 x g for 3 minutes. Wash cells with PBS.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells at 70-80% confluency. Wash cells with PBS. Resuspend cells in freezing medium. Freeze cells in a cryovial.

Shipping Conditions Store cells at -78°C. Ship cells in a dry ice container.

Storage Conditions Store cells at -150°C for up to 196 days.

HEP3B / HLA

Sterility

HEP3B cells are free of mycoplasmas and PCR detectable endogenous retroviruses.

HEP3B cells are free of mycoplasmas, endogenous retroviruses, and other contaminants.