



HEP3B | 305141

HEP3B - HEP3B

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

**Tumorigenic**           

HEP3B

**Culture Medium**            EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO<sub>3</sub>, w: EBSS (Cytion 820100a)

**Supplements**            10% FBS 1% NEAA

**Dissociation Reagent**      Trypsin

**Subculturing**            1. Wash cells with PBS. 2. Add 2 ml Trypsin to each well. 3. Incubate for 3-5 min at 37°C. 4. Add 3 ml PBS. 5. Pipette up and down to dislodge cells. 6. Centrifuge at 300 x g for 5 min. 7. Resuspend in 1 ml PBS. 8. Count cells and seed into new wells.

**Fluid renewal**            2-3 times per week

**Freeze medium**            10% FBS + 10% DMSO

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**Thawing and Culturing Cells**

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70% confluency.
5. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes.
6. Resuspend the cells in 10 ml of pre-warmed medium.
7. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
8. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70% confluency.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating**

Coated with HEP3B cells

**Freezing Procedure**

Resuspend cells in freezing medium and freeze at -78°C

**Shipping Conditions**

Store at -78°C

**Storage Conditions**

Store at -150°C for 196 months

**HEP3B / HLA**

**Sterility**

HEP3B cells are PCR negative for mycoplasmas and are free of endotoxins. The cells are stored in a sterile medium.