Human Intra-Hepatic Biliary Epithelial Cells

Catalog No.	Product Name	Product quantity	Short-term Storage	Long-term Storage	Thawing Instructions
ax3765	Intra-Hepatic Biliary Epithelial Cells	500,000 cells/vial	Liquid nitrogen	Liquid nitrogen	See below
ax3766	Intra-Hepatic Biliary Epithelial Cell Culture Medium	500 mL	4°C for 1 month	-20°C for 6 months	Thaw at 4°C or RT

Lot-specific information such as donor details and passage number are stated in the Certificate of Analysis for each product.

Recommendations:

Always count the number of viable cells after thawing

- Recommended culture vessel coating: Type I Collagen
- Recommended cell culture medium: Axol Intra-Hepatic Biliary Epithelial Cell Culture Medium
- Recommended seeding density: 5,000 viable cells/cm^2
- Recommended centrifugation speed: 250 x *g* for 5 min

Thawing & Plating:

Coat the culture vessels with Type I Collagen or use pre-coated culture vessels

- Thaw the cells quickly in a 37°C water bath until just prior to complete thawing
- Wipe the outside of the vial with 70% ethanol
- Gently resuspend the cells and transfer to a 15 mL sterile conical tube
- Slowly add 10 mL of pre-warmed **Intra-Hepatic Biliary Epithelial Cell Culture Medium**
- Rinse the cryovial with 1 mL of **Intra-Hepatic Biliary Epithelial Cell Culture Medium** to ensure all of the cells are transferred
- Centrifuge the cells at 250 x *g* at room temperature for 5 min
- Carefully remove the supernatant and resuspend in 1-2 mL of pre-warmed **Intra-Hepatic Biliary Epithelial Cell Culture Medium** and perform a cell count
- Dilute the cells into the required volume of pre-warmed **Intra-Hepatic Biliary Epithelial Cell Culture Medium**

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- Seed cells into the culture vessel (coated with type I collagen) at the recommended seeding density
- After 24 h, replace the culture medium with fresh, pre-warmed **Intra-Hepatic Biliary Epithelial Cell Culture Medium**
- Frequency of media changes: Every 2 days

Passaging:

- Passage when the culture reaches: 80% confluent
- Recommended passaging reagent: Trypsin-EDTA
- Neutralize the trypsin with **Intra-Hepatic Biliary Epithelial Cell Culture Medium** and centrifuge the cells at 250 x *g* for 5 min
- Remove the supernatant and resuspend in 1-2 mL of pre-warmed **Intra-Hepatic Biliary Epithelial Cell Culture Medium**
- Perform a cell count to determine the number of viable cells
- Dilute the cells into the required volume of pre-warmed **Intra-Hepatic Biliary Epithelial Cell Culture Medium**
- Seed cells into the culture vessel (coated with type I collagen) at the recommended seeding density

Usage Statement:

Our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, *in vitro* diagnostic uses, *ex vivo* or *in vivo* therapeutic uses or any type of consumption or application to humans.

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