

Mouse Ureteral Epithelial Cells

Cat. No. ARP0497, 5×10^5 cells/vial

Description

Research on the Mouse Ureteral Epithelial Cells is essential to the study of ureteral obstruction, urothelial hyperplasia, pyelonephritis-related ureteritis, and lithiasis-induced epithelial damage. The ureter is a pair of tubes composed of smooth muscle. It carries urine from the kidney to the bladder. The Mouse Ureteral Epithelial Cells are to be used with Mouse Ureteral Epithelial Cell Medium (Cat. No. ACM0497). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Epithelial Cells

Tissue/Organ: Ureter

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Cytokeratin

Symbols: MUEC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Cobblestone-like, Irregular

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO₂

Unpacking and Storage Instructions

1. Visually inspect all packaging components for integrity and verify adequate dry ice.
If any damage is observed, notify Ascent Technical Support immediately.
2. Prioritize transfer to liquid nitrogen vapor phase storage system (-130°C or below).
Secondary option: -80°C mechanical freezer (short-term storage only).
Always maintain temperature strictly below -65°C.

Disclaimer

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