

Rat Tongue Epithelial Cells

Cat. No. ARP0396, 5×10^5 cells/vial

Description

Research on the Rat Tongue Epithelial Cells is essential to the study of oral lichen planus, tongue squamous cell carcinoma, geographic tongue, burning mouth syndrome, and candidiasis. The tongue is a muscular organ in the oral cavity. It is covered with mucosa and papillae and has sensory organs (taste buds) for the initial phases of digestion. The Rat Tongue Epithelial Cells are to be used with Rat Tongue Epithelial Cell Medium (Cat. No. ACM0396). 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: Tongue

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Cytokeratin

Symbols: RTEC

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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