

Rat Oral Mucosal Epithelial Cells

Cat. No. ARP0395, 5×10^5 cells/vial

Description

Research on the Rat Oral Mucosal Epithelial Cells is essential to the study of chemical-induced oral mucositis, radiation-induced oral ulceration, experimental oral candidiasis, smokeless tobacco studies, and wound healing models. The oral mucosa is the soft tissue lining of the oral cavity. It mainly functions to protect the underlying tissue and prevent microorganisms. The Rat Oral Mucosal Epithelial Cells are to be used with Rat Oral Mucosal Epithelial Cell Medium (Cat. No. ACM0395). 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: Oral cavity (mucosa)

Disease: N/A

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Cytokeratin

Symbols: ROMECE

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Epithelial-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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