

Human Vaginal Epithelial Cells

Cat. No. ARP1201, 0.5 million cells/vial

Description

Human vaginal epithelial cells are isolated from healthy female donors and represent the stratified squamous epithelium that lines the vaginal canal. These cells are used to model mucosal barriers, epithelial defense, and host-pathogen interactions. They play a key role in defending against sexually transmitted infections (STIs) and are widely used in research to study vaginal microbiota interactions, hormonal regulation, and epithelial wound healing.

Specification

Cell Type: Epithelial cell

Tissue/Organ: Vagina

Disease: Normal

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: N/A

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

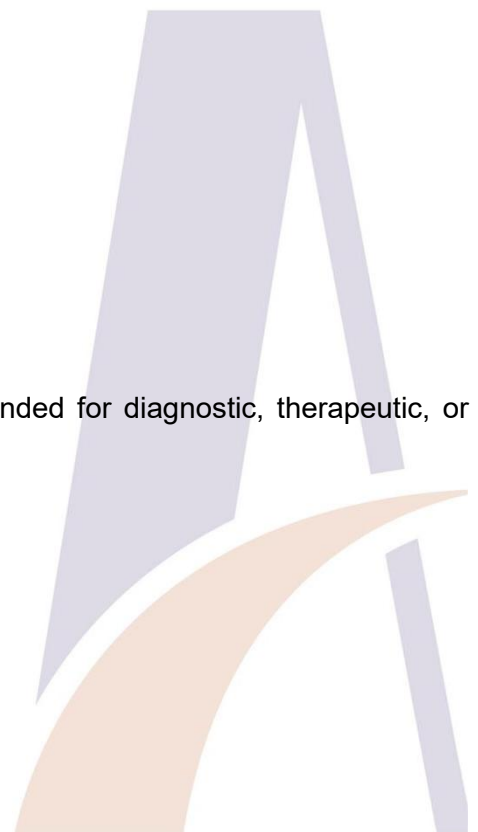
This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Culturing Guidance

Morphology: Epithelial-like

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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