

# Human Tonsil Epithelial Cells

Cat. No. ARP0166,  $5 \times 10^5$  cells/vial

## Description

Research on the Human Tonsil Epithelial Cells is essential to the study of recurrent streptococcal pharyngitis, tonsillar crypt abscesses, HPV-related oropharyngeal squamous cell carcinoma, and Epstein-Barr virus (EBV) latency infections. The tonsils are two round masses of lymphoid tissue in the back of the throat, near the entrance of the respiratory and digestive tract. It acts as a first line of immune defense against inhaled and ingested pathogens. The Human Tonsil Epithelial Cells are to be used with Human Tonsil Epithelial Cell Medium (Cat. No. ACM0166). 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: Tonsil

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Cytokeratin 18, Cytokeratin 19

Symbols: HTEC

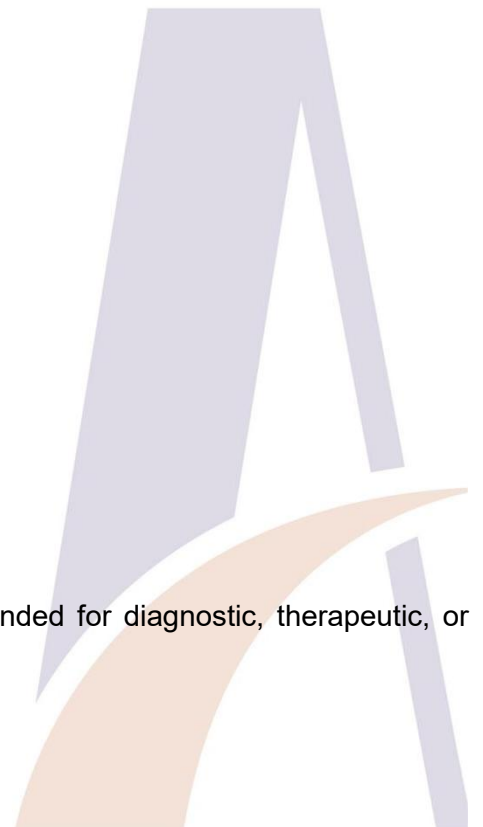
## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) 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: N/A

Temperature: 37°C

Atmosphere: 5% CO<sub>2</sub>

## 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

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

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