

Human Mammary Epithelial Cells

Cat. No. ARP0011, 5×10^5 cells/vial

Description

Research on the Human Mammary Epithelial Cells is essential to the study of mastitis and breast cancer. The breast is primarily composed of glands, adipose tissue, and connective tissue. It functions mainly in lactation and is closely associated with the endocrine system. The Human Mammary Epithelial Cells are to be used with Human Mammary Epithelial Cell Medium (Cat. No. ACM0011). 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: Breast

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Cytokeratin 18, Cytokeratin 19

Symbols: HMEC

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



Growth Mode: N/A

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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