

Human Leydig Cells

Cat. No. ARP0081, 5×10^5 cells/vial

Description

Research on the Human Leydig Cells is essential to the study of male reproductive disorders, including hypogonadism (primary/secondary), androgen insensitivity syndrome, Leydig cell tumors, steroidogenesis disorders, and testicular development. The testicles, or testes, are two oval-like male reproductive glands in the scrotum. They produce sperm and male hormones. The Human Leydig Cells are to be used with Human Leydig Cell Medium (Cat. No. ACM0081). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: N/A

Tissue/Organ: Testis

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: GATA-4, Cytokeratin 18

Symbols: HLC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: N/A

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

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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This document was last updated on June 20, 2025.