

Pig Thyroid Epithelial Cells

Cat. No. ARP0906, 5×10^5 cells/vial

Description

Research on the Pig Thyroid Epithelial Cells is essential to the study of hypothyroidism, Hashimoto's thyroiditis models, goiter formation, thyroid hormone synthesis disorders, and radiation-induced thyroid damage. The thyroid is an important endocrine gland in the neck. It produces hormones to control metabolism and influence energy usage in the body. The Pig Thyroid Epithelial Cells are to be used with Pig Thyroid Epithelial Cell Medium (Cat. No. ACM0906). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

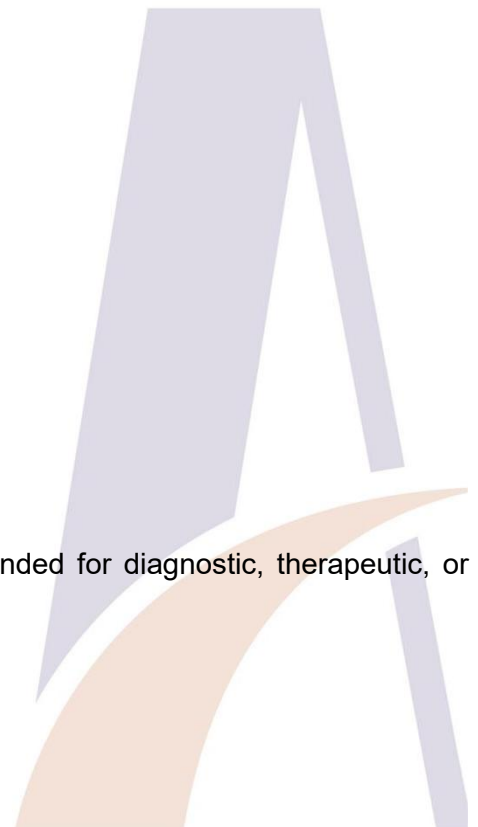
Cell Type: Epithelial Cells
Tissue/Organ: Thyroid gland
Disease: Normal
Species: *Sus scrofa* (Pig)
Genetic Background: N/A
Markers: Thyroglobulin (Tg)
Symbols: PTEC

Shipping & Storage

Shipping condition: Frozen on dry ice.
Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Cobblestone-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

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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