

Mouse Thyroid Fibroblasts

Cat. No. ARP0516, 5×10^5 cells/vial

Description

Research on the Mouse Thyroid Fibroblasts is essential to the study of Graves' disease, Hashimoto's thyroiditis, and thyroid-associated fibrosis. The thyroid is an important endocrine gland in the neck. It produces hormones to control metabolism and influence energy usage in the body. The Mouse Thyroid Fibroblasts are to be used with Mouse Thyroid Fibroblast Medium (Cat. No. ACM0516). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Fibroblasts

Tissue/Organ: Thyroid gland

Disease: Normal

Species: Mus musculus (Mouse)

Genetic Background: N/A

Markers: Fibronectin, Vimentin

Symbols: MTF

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Elongated fusiform, 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

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