

3T3–Swiss albino

Cat. No. ARI0240, 1×10^6 cells/vial

Description

3T3-Swiss albino is a fibroblast cell line derived from the embryo of disaggregated Swiss albino mouse. In the early report, although the 3T3 cells appeared fibroblast-like morphology, they grew flat, showing granularity, and are more resistant to trypsin digestion. When confluent, these cells exhibited some degree of contact inhibition. However, this contact inhibition was lost during continuous passaging, which might result from the selective processes in cell culture.

Specification

Cell Type: Fibroblast cell line

Tissue/Organ: Embryo

Derived from Site: Whole embryo

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: Swiss albino

Marker: N/A

Sex of Donor: Male

Age: Embryo

Immortalization Method: N/A

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) 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: Fibroblast-like

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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