

MDCK

Cat. No. ARI0247, 1×10^6 cells/vial

Description

MDCK cell line is a canine kidney epithelial cell line, isolated from normal kidney tissue from a normal, adult, female cocker spaniel. This cell line is typically used in vaccine production.

Specification

Cell Type: Epithelial cell line

Tissue/Organ: Kidney

Derived from Site: Kidney

Disease: Normal

Species: Canis lupus familiaris (Dog)

Genetic Background: Cocker Spaniel; VBO=VBO_0200372.

Marker: N/A

Sex of Donor: Female

Age: Adult

Immortalization Method: N/A

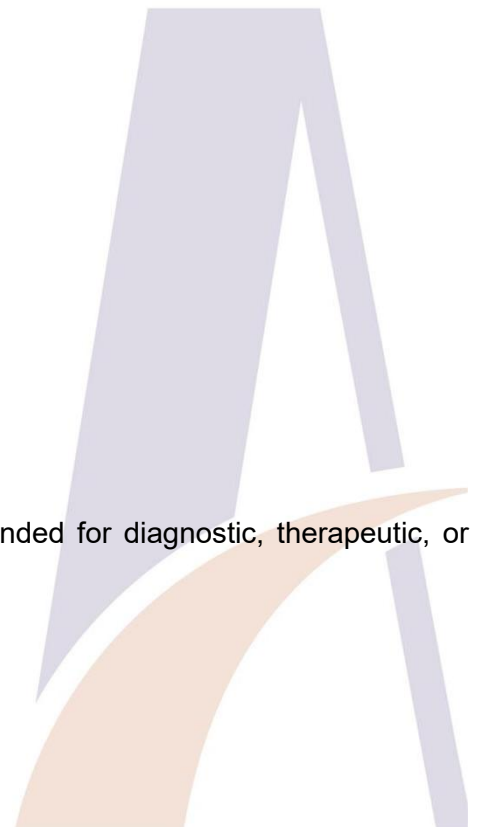
Shipping & Storage

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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