

# Rat Hepatic Stellate Cells

Cat. No. ARP0234,  $5 \times 10^5$  cells/vial

## Description

Research on the Rat Hepatic Stellate Cells is essential to the study of chronic liver injury, liver fibrosis, cirrhosis, hepatic regeneration, portal hypertension, and vitamin A metabolism disorders. The liver is the largest solid organ in the body, located in the upper right portion of the abdomen, beneath the diaphragm. It plays a crucial role in various functions, including blood filtration, detoxification, nutrient metabolism, and bile secretion, to help maintain bodily balance. Common liver diseases include hepatitis, fatty liver, and cirrhosis. The Rat Hepatic Stellate Cells are to be used with Rat Hepatic Stellate Cell Medium (Cat. No. ACM0234). 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: Liver

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Desmin

Symbols: RHSC

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) 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: Elongated fusiform, Stellate

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO<sub>2</sub>

## 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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This document was last updated on June 20, 2025.