

# Rat Parathyroid Cells

Cat. No. ARP0282,  $5 \times 10^5$  cells/vial

## Description

Research on the Rat Parathyroid Cells is essential to the study of secondary hyperparathyroidism (renal failure-induced), parathyroid adenoma models, calcium-sensing receptor dysfunction, and post-thyroidectomy hypoparathyroidism. The thyroid is an important endocrine gland in the neck. It produces hormones to control metabolism and influence energy usage in the body. The Rat Parathyroid Cells are to be used with Rat Parathyroid Cell Medium (Cat. No. ACM0282). 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: Thyroid gland

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Parathyroid Hormone (PTH)

Symbols: RPC

## 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: Fusiform, Polygonal

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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