

Rat Astrocytes

Cat. No. ARP0369, 5×10^5 cells/vial

Description

Research on the Rat Astrocytes is essential to the study of stroke, brain injury, Alexander disease, cerebellar degeneration, multiple system atrophy (MSA-C), glioblastoma invasion, and autoimmune cerebellar ataxia. The brain is the main component of the central nervous system (CNS) and is located within the cranial cavity. It consists of several major parts: the cerebrum, diencephalon, cerebellum, and brainstem. The brain is responsible for processing information, regulating bodily functions, and enabling cognition, emotions, and behavior. Together with the spinal cord, the brain forms the central nervous system. The Rat Astrocytes are to be used with Rat Astrocytes Medium (Cat. No. ACM0369). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Neuroglial Cells

Tissue/Organ: Brain

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Glial Fibrillary Acidic Protein (GFAP)

Symbols: RA

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Stellate

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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