

Tyrode'S Solution (Calcium-Free)

Cat #: A-CSH521

Size: 500mL

Storage: 2-8°C (12 months)

Product Description

The balanced salt solution is consistent with the environmental conditions of pH and osmotic pressure in cell growth. It maintains osmotic pressure, controls acid-base balance, and supplies the necessary energy and inorganic salt components for cell survival and metabolism in vitro experiments.

Tyrode's Solution is also a type of balanced salt solution, mainly composed of sodium chloride, phosphate, glucose, and does not contain HEPES. It is commonly used in mammalian in vitro intestinal muscle experiments to maintain normal physiological functions, perfusion of the muscle, and tissue cleaning.

Usage

Operate according to specific experimental requirements.

Notes

1. Pay attention to aseptic operation to avoid microbial contamination.
2. Due to the presence of magnesium ions in Tyrode's Solution, precipitation may occur. If a small amount of precipitation occurs, it can be dissolved by heating or filtered before use. If a large amount of precipitation occurs, it should be discarded.
3. For your safety and health, please wear lab coat and disposable gloves during operation..

Disclaimer

For your safety and health, please wear a lab coat and disposable gloves while handling.