

Modified Tyrode'S Solution (Calcium-Free, With HEPES)

Cat #: A-CSH523

Size: 500mL

Storage: 2-8°C (12 months)

Product Description

Balanced salt solutions maintain the pH, osmotic pressure, and other environmental conditions consistent with cell growth. They provide the necessary energy and inorganic salt components to support cell survival and metabolism, meeting the basic requirements for cell viability and maintenance of certain metabolic functions in in vitro experiments.

Modified Tyrode's Solution (Calcium-Free, with HEPES) is also a type of balanced salt solution composed mainly of sodium chloride, phosphate, glucose, and contains HEPES. It is commonly used for ex vivo experiments with mammalian intestinal smooth muscle, maintaining the normal physiological functions of ex vivo intestinal smooth muscle, tissue perfusion, and tissue washing.

Usage

Operate according to the specific requirements of the experiment.

Notes

1. Pay attention to aseptic techniques to avoid microbial contamination.
2. Due to the presence of magnesium ions in this 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, discard the solution.
3. For your safety and health, please wear a lab coat and disposable gloves while handling.

Disclaimer

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