

Tyrode's solution

Cat: T1421

Specification: 500mL

Storage: Store at 2-8°C, and it is valid for 1 year.

Introduction

Balanced Salt Solution (BSS) is consistent with the environmental conditions such as pH and osmotic pressure under cell growth conditions, and has the functions of maintaining osmotic pressure, controlling acid-base balance, and supplying the energy and inorganic salt components necessary for cell survival and metabolism. It can meet the basic needs of cell survival and maintain certain metabolism in vitro experiments.

Solarbio Tyrode's solution is also a type of balanced salt solution, which is mainly composed of sodium chloride, potassium chloride, magnesium chloride, calcium chloride, glucose, BSA, etc., containing HEPES. Strong buffering capability. It is often used in experiments on isolated intestinal muscle of mammals, and it maintains the normal physiological function of the isolated intestinal muscle, as well as body perfusion and tissue cleaning.

Protocol: (for reference only):

Operate according to the specific requirements of the experiment.

Note

1. Since the Tyrode's solution contains calcium ions, it is prone to precipitation. If a small amount of precipitation occurs, it can be dissolved by heating or filtered before use. If a large amount of precipitation is produced, it should be discarded.
2. For your safety and health, please wear laboratory clothes and disposable gloves to operate.

Related Products:

<i>P1020</i>	<i>PBS, 1 × (pH7.2-7.4, 0.01M, cell culture)</i>
<i>H1090</i>	<i>1M Hepes (Free Acid, sterile)</i>
<i>H1020</i>	<i>Hanks (with calcium, magnesium, phenol red) (HBSS)</i>
<i>H1025</i>	<i>HANK'S BALANCED SALT MIXTURE</i>
<i>H1040</i>	<i>D-Hanks (without calcium, magnesium, with phenol red) (HBSS)</i>
<i>H1045</i>	<i>HANK'S BALANCED SALT MIXTURE</i>
<i>H2020</i>	<i>EBSS (with Ca²⁺, Mg²⁺ and phenol red)</i>
<i>H2025</i>	<i>Earle's Balanced Salt Solution EBSS (with calcium and magnesium, without phenol red)</i>