

Hank's Balanced Salt Solution (HBSS), with calcium, magnesium, without phenol red

Cat. No: PB180323

Size: 500mL

General Information

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|---|-----------|
| Product Form | Liquid |
| Concentration | 1× |
| pH | 7.0-7.4 |
| D-Glucose | 1000mg/L |
| NaHCO₃ | 350mg/L |
| Phenol red | negative |
| CaCl₂ | 140 mg/L |
| MgCl₂•6H₂O | 100 mg/L |
| MgSO₄•7H₂O | 100 mg/L |
| Storage | 2-30°C |
| Shipping | RT |
| Expiration date | 36 months |

Background

Balanced Salt Solution (Physiological Solution) have the properties of buffer solution (regulate pH), normal saline (maintain osmotic pressure) and culture medium (provide nutrition). It can meet the basic needs of survival and metabolism of tissues, organs or cells in vitro. A small amount of phenolic red was added to some equilibrium salt solutions to indicate the pH change of the solution.

Hank's Balanced Salt Solution (HBSS) is one of the commonly used phosphate buffers in cell separation or culture. The main components are NaCl, KCl, KH₂PO₄, Na₂HPO₄, NaHCO₃, CaCl₂, MgCl₂, MgSO₄ and glucose. HBSS is often used to rinse tissue or cells, to transport cells or tissues, to prepare other reagents, to dilute the cells when counting the cells.

Notes

1. This product is for research use only.;
2. This product is sterilized by 0.1μm filtration.;
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.