

Krebs-Hensleit's Solution

Cat. No: PB180348

Size: 500mL

General Information

Product Form	Liquid
Concentration	1×
pH	7.2-7.4
D-Glucose	2000 mg/L
NaHCO₃	2100 mg/L
Phenol red	Negative
CaCl₂ (anhydrous)	280 mg/L
MgSO₄•7H₂O	290mg/L
Storage	2-30℃ ,Shading Light
Shipping	RT
Expiration date	24 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.

Krebs-Hensleit's solution is a balanced salt solution jointly developed by the famous biochemist Krebs and his student Hensleit. The main components are NaCl, KCl, KH₂PO₄, MgSO₄, CaCl₂, NaHCO₃ and glucose, is suitable for various mammalian tissues and often used for perfusion of isolated trachea and isolated heart or liver.

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.