

Krebs-Ringer Solution

Cat. No: PB180347

Size: 500mL

General Information

Product Form	Liquid
Concentration	1x
pH	7.2-7.4
D-Glucose	1400 mg/L
NaHCO₃	1370mg/L
Phenol red	Negative
CaCl₂ (anhydrous)	370mg/L
MgCl₂•6H₂O	470mg/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.

Krebs-Ringer solution is a kind of balanced salt solution in biochemistry. The main components are NaCl, KCl, NaH₂PO₄, MgCl₂, CaCl₂, NaHCO₃ and glucose, is suitable for various mammalian tissues, such as nerve tissue, isolated heart perfusion, vascular or intestinal perfusion, etc.

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.