# Krebs-Ringer Solution

**Cat. No.: PB180347**

**Size: 500mL**

## General Information

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|---|---|
| **Product Form** | Liquid |
| **Concentration** | 1 × |
| **pH** | 7.2-7.4 |
| **D-Glucose** | 1800 mg/L |
| **$NaHCO_3$** | 1260 mg/L |
| **Phenol red** | Negative |
| **$MgCl_2$** | 46.8 mg/L |
| **Storage** | 2-30°C |
| **Shipping** | Room Temperature |
| **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, $NaH_2PO_4$, $MgCl_2$, $NaHCO_3$ 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 only used for scientific research or further research, not for diagnosis and treatment.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.