Ringer's Solution, for amphibians

Cat. No.: PB180342

Size: 500mL

General Information

Product Form	Liquid
Concentration	1 ×
pH	7.2-7.4
D-Glucose	2000 mg/L
HEPES	Negative
$NaHCO_3$	200 mg/L
Phenol red	Negative
$CaCl_2$ (anhydrous)	120 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. Ringer's Solution was invented by British physiologist Ringer. It is a kind of balanced salt solution, which is close to the amphibian's internal environment. In vitro experiments, it can be used to prolong the beating time of frog's heart in vitro and maintain the physiological activity of other isolated tissues and organs in vitro.

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.