

SALINE SOLUTION

Presentation

Flip-top plastic tube with 9ml.

Sterilization method

Gamma irradiation.

Application

Used for sample transportation for analysis, preparation of bacterial suspensions, preparation of smears on slides for staining, agglutination tests on slides with antisera, dilutions of microorganisms, and other purposes.

Principle

The saline is an isotonic solution of 0.85% sodium chloride that maintains viable microorganisms and preserved cells.

How to use

Inoculate according to the methodology used by the laboratory. Incubate for the time and temperature specified in the adopted technique.

Quality Control

Test	Result
Sterility	Absence of microbial growth
<i>Staphylococcus aureus</i> ATCC 25923	Good growth after subculturing on non-selective agar with $\pm 30\%$ of the initial count
<i>Escherichia coli</i> ATCC 25922	Good growth after subculturing on non-selective agar with $\pm 30\%$ of the initial count
Appearance	Liquid medium, clear, colorless, free of precipitates or visible particles
pH at 25°C	6.5 ± 1.5

Results interpretation

Microbial growth is evidenced through subculture. If growth is observed, perform microscopic analysis, subculture on selective media, and biochemical tests to identify isolated genera and species, if necessary.

Precautions and special care

Product intended for *in vitro* diagnostic use only.

Restricted for use by professionals. Do not inhale or ingest.

Do not use the product beyond the expiration date, with signs of contamination, or if it has changed color. In the presence of contamination, the product should be immediately discarded.

Do not use the product if the packaging is damaged or tampered with.

Storage

Store between 2-35°C in a dry place and protect from light.

Shelf-life

1 year from the date of manufacture.

Disposal of the product

After use, the product must be handled at the generating unit before environmentally appropriate final disposal, in accordance with official regulations.

Quality Guarantee

bioBoaVista guarantees the quality of its products as long as they are used according to their respective instructions and in accordance with national and international references. bioBoaVista does not take responsibility for the use of its products for purposes other than those described and approved by the company. All clinical diagnoses should be analyzed in conjunction with clinical evidence and not solely based on laboratory results.

References

1. ANVISA. Descrição dos meios de cultura empregados nos exames microbiológicos, Módulo IV.
2. ISO 11133:2014. Microbiology of food, animal feed and water - Preparation, production, storage and performance testing of culture media.