

SMK SWAB

Presentation

Conical bottom plastic tube with screw cap and leak-proof rings containing 10ml and cap with sterile flocked nylon swab.

Sterilization method

Moist heat.

Application

Used as a dragging swab to test the antimicrobial activity of disinfectants applied to surfaces of sanitary importance.

Principle

Sodium thiosulfate, Tween-80, and lecithin neutralize and inactivate disinfectant and sanitizer agents on surfaces of interest.

How to use

Scrub the swab over the desired surface according to the adopted sampling plan. At the end of the collection, place the swab into the tube, break off the handle, and close the cap. Send the sample to the laboratory and proceed with the analysis according to the adopted methodology.

Quality Control

Test	Result
Sterility	Absence of microbial growth
<i>Salmonella enterica</i> ATCC 14028	Good growth with turbidity of the medium
<i>Escherichia coli</i> ATCC 25922	Good growth with turbidity of the medium
<i>Staphylococcus aureus</i> ATCC 25923	Good growth with turbidity of the medium
Appearance	Liquid medium, transparent to very pale yellow, free of precipitates or visible particles
pH at 25°C	7.0 ± 0.5

Results interpretation

Microbial growth is evidenced by the turbidity of the medium. If growth is observed, perform microscopic analysis, subculture on selective media, and biochemical tests to identify isolated genera and species, if necessary. Perform the reading according to official compendia or internal laboratory methodology.

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

180 days 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. ISO 11133:2014. Microbiology of food, animal feed and water - Preparation, production, storage and performance testing of culture media.