

## KIT SBK 1 (SWAB BUFFERED KIT)

(ISO 18593, ISO 6579, ISO 17604)

Device used for the microbiological monitoring of surfaces by swab sampling method.

### DESCRIPTION

Sampling and transport system for microbiological monitoring of bacteria and Salmonella on surfaces in the food industries consisting of a rayon swab and a test tube containing Buffered Peptone Water (UNI EN ISO 6579).



### PRINCIPLE

Enzymatic digest of casein provides amino acids, nitrogen, carbon and minerals. Sodium chloride maintains the osmotic balance of the medium. Phosphates are the buffering agents.

### BUFFERED PEPTONE WATER:

COMPOSITION	g/L
Enzymatic Digest of Casein	10.0
Sodium Chloride	5.0
Disodium Hydrogen Phosphate	3.5
Potassium Dihydrogen Phosphate	1.5

Final pH 7,0 ± 0,2 at 25°C

### WARNING AND PRECAUTIONS

Observe the precautions normally taken when handling laboratory reagents.

**Prepared Medium:** The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous.

**Safety Data Sheet** is available on request for professional users.

Disposal of waste must be carried out according to national and local regulations in force.

### STORAGE AND STABILITY

KIT SBK 1 (SWAB BUFFERED KIT)	10-25°C
-------------------------------	---------

KIT SBK 1 is stable until the expiration date indicated on the label under the recommended storage conditions.

### PROCEDURE

- 1) Remove the swab and tube containing Buffered Peptone Water from the box.
- 2) Open the blister pack and remove the swab from the pack.
- 3) Streak the swab on a surface horizontally and vertically. A Sampling Template 10x10 (REF. 4500/SG/CS) can be used to delimit and sample an area of 100 cm<sup>2</sup>. To facilitate collection, soak the swab in the solution contained in the tube.
- 4) Return the swab to the tube.
- 5) Screw the cap and record date and the sampling point.
- 6) Transport the device to the laboratory and examine according to methods in use.

### QUALITY CONTROL: Buffered Peptone Water

**Appearance:** Clear amber solution

In accordance with the predefined Company Quality System, each lot of **KIT SBK 1** is tested against predetermined specifications to ensure consistent product quality.

### REFERENCES

- UNI EN ISO 6579-1:2020. Microbiology of the food chain - Horizontal method for the detection, enumeration and serotyping of Salmonella - Part 1: Detection of Salmonella spp.
- ISO 18593:2018. Microbiology of the food chain — Horizontal methods for surface sampling.
- UNI EN ISO 17604:2015. Microbiology of the food chain - Carcass sampling for microbiological analysis

### PRESENTATION

Packaging

REF

#### KIT SBK 1 (SWAB BUFFERED KIT)

100 pcs

32060

The kit includes:

- n. 100 Tubes (16x100 mm, with internal shaped conical bottom and screw cap, sterile) containing 9 mL of Buffered Peptone Water;
- n. 100 Rayon Swab (breakable plastic shaft, sterile, in single blister).

**STERILE SAMPLING TEMPLATE 10x10 cm**  
(sterile, in single blister)

120 pcs 4500/SG/CS

### SYMBOLS



Read the instructions



Biological hazard



CE Mark (product complies with the requirements of Regulation (EU) 746/2017)



Temperature limitation



Use by



For in vitro diagnostic use



Manufacturer