

## THTS 011- STERILE SWABS W/ 0.90% SALINE

### INTENDED USE

For propagation of pathogenic cocci and other fastidious associated with blood culture work and allied pathological investigations.

### PRODUCT SUMMARY AND EXPLANATION

0.90% SALINE is used for propagation of bacterial culture, without significant increase in growth.

### COMPOSITION

Ingredients	Concentration
Distilled water	1000.000ml
Sodium chloride	9.000 gm

### PRINCIPLE

The sodium chloride concentration in saline (0.90%) provides osmotic protection for microbial cells.

**Note:** The specimen should be inoculated in suitable medium as soon as possible and must not be kept at room temperature for more than 24 hours. Some contaminants may also grow, if specimen is kept for longer period in transport medium.

### INSTRUCTION FOR USE

1. Use the medium, provided along with the swab to collect and transport the microbiological sample.
2. Collect the sample with the sterile swab and insert the capped swab with the sample till the bottom of the medium. Tighten the cap firmly
3. The sample and viability of organism(s) will be maintained during transportation.
4. After the transportation, the specimen should be inoculated in proper medium as soon as possible.

### QUALITY CONTROL SPECIFICATIONS

Appearance of medium	:	Clear colorless solution
pH (at 25°C)	:	7.0 ± 0.2
Sterility Check	:	Passes release criteria

### INTERPRETATION

Culture characteristics observed after incubation period on Soya Casein Digest Agar (TM 345).

Microorganism	ATCC	Inoculum (CFU/ml)	Recovery on SCDA	Incubation Temperature	Incubation Period
<i>Escherichia coli</i>	25922	50-100	Luxuriant	35 ± 2°C	18 - 24 hours
<i>Staphylococcus aureus</i>	25923	50-100	Luxuriant	35 ± 2°C	18 - 24 hours
<i>Pseudomonas aeruginosa</i>	27853	50-100	Luxuriant	35 ± 2°C	18 - 24 hours

### PACKAGING:

In pack size of 10 No.



**STORAGE**

On receipt, store ready-to-use disposable swabs in the dark at 10 to 25° C. Avoid freezing and overheating. The medium may be used up to the expiration date and incubated for the recommended incubation times.

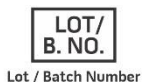
**Product Deterioration:** Do not use product if they show evidence of microbial contamination, discoloration, or any other signs of deterioration.

**DISPOSAL**

After use, prepared media, specimen/sample containers and other contaminated materials must be sterilized before discarding.

**REFERENCE**

1. Murray, P.R., E.J. Baron, J.H. Jorgensen, M.L. Landry, and M.A. Pfaller. 2007. Manual of Clinical Microbiology. 9<sup>th</sup> ed. ASM Press, Washington, D.C.
2. Forbes, B.A., D.F. Sahm, and A.S. Weissfeld. 2007. Bailey and Scott’s Diagnostic Microbiology. 12<sup>th</sup> ed. Mosby Elsevier, St Louis, MO.



**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

**\*For Lab Use Only**  
**Revision: 15 March, 2022**