

TMST 010GT - TRANSPORT SWAB W/ DEY-ENGLEY NEUTRALIZING BROTH (G-IRRADIATED) (TRIPLE PACK)

INTENDED USE

Recommended for transportation of microorganisms from sanitized surface.

PRINCIPLE

Dey-Engley Neutralizing media is formulated as per the procedure described by Engley and Dey. The medium neutralizes a broad spectrum of antiseptics and disinfectants including quaternary ammonium compounds, phenolic, iodine and chlorine preparations, mercurial, formaldehyde and glutaraldehyde. Sodium thioglycollate, sodium thiosulphate, sodium bisulphate, soya lecithin and polysorbate 80 act as neutralizing components. Sterile cotton swabs allow absorption of specimen material while polystyrene shaft allows semi-flexibility to the swab stick, aiding in collection.

INSTRUCTION FOR USE

- Using the capped swab provided along with the medium containing tube, collect the sample or specimen from surface. Discard the cap of the tube and insert the capped swab with the sample till the bottom of the medium. Tighten the cap firmly. The specimen will be preserved during transportation and also the viability of the organisms will be maintained. Some growth of contaminants may occur during longer period of transport. After the transportation, the specimen should be inoculated in proper medium as soon as possible.

QUALITY CONTROL SPECIFICATIONS

Appearance of Prepared medium	:	Yellow coloured medium.
Quantity of Medium	:	8 ml of medium in tubes
pH (25°C)	:	7.6 ± 0.2
Irradiation (Dose)	:	15-25 kGy

INTERPRETATION

Cultural characteristics observed after incubation.

Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Incubation Temperature	Incubation Period
<i>Salmonella Typhimurium</i>	14028	50-100	Luxuriant	35-37°C	18 – 24 Hours
<i>Pseudomonas aeruginosa</i>	27853	50-100	Luxuriant	35-37°C	18 – 24 Hours
<i>Staphylococcus aureus</i>	25923	50-100	Luxuriant	35-37°C	18 – 24 Hours
<i>Escherichia coli</i>	8739	50-100	Luxuriant	35-37°C	18 – 24 Hours
<i>Bacillus subtilis</i>	6633	50-100	Luxuriant	35-37°C	18 – 24 Hours

PACKAGING:

In pack size of 50 No.

STORAGE

On receipt, store Sterile Swab w/0.85% saline in between 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 plates, specimen/sample containers and other contaminated materials must be sterilized before discarding.

REFERENCES

1. Engley and Dey, 1970. Chem. Spec. Manuf. Assoc. Proc., Mid-Year Meet., p. 100.
2. Brummer; 1976 appl Environ. Microbiol 32:80.
3. Favero (Clairm); 1967, Biological Contamination Control Committee, a state of the art report., Am Assoc. for contamination control.

 GMP Good Manufacturing Practices Certified	 Best Before	 QTY. Quantity	 REF Catalogue Number	 Manufacturer
 Temperature Unit	 LOT/ B. NO. Lot / Batch Number	 Consults Instructions for Use	 QR Code	

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

***For Lab Use Only**
12st Oct. 2023