TMT 041GT – TRANSPORT SWABS W/ DEY-ENGLEY NEUTRALIZING BROTH (g-irradiated) (Triple Pack)

INTENDED USE

For transporting microbial specimens in presence of antiseptics and disinfectants.

PRODUCT SUMMARY AND EXPLANATION

Transport Swab is the ideal solution for customers requiring an environmental sample collection device containing more than 1 mL of pre-filled liquid broth. The pre-filled bottles come sterilized and with ample head space for additional samples. The swab tip sits in the lecithin broth which allows for the release of organisms from the swab bud. Transport Swab makes sample collection efficient and easy; simply swab a surface, recap, and send it to the lab.

COMPOSITION

Ingredients	Gms / Ltr
Dextrose	10.000
Lecithin	7.000
Sodium thiosulphate	6.000
Tryptone	5.000
Polysorbate 80	5.000
Yeast extract	2.500
Sodium bisulphite	2.500
Sodium thioglycollate	1.000
Bromocresol purple	0.020

PRINCIPLE

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

INSTRUCTION FOR USE

1. Using the capped swab provided along with the broth containing tube, collect the sample or specimen from surface.
2. Discard the cap of the tube and insert the capped swab with the sample till the bottom of the medium. Tighten the cap firmly.
3. 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.
4. After the transportation, the specimen should be inoculated in proper medium as soon as possible.

QUALITY CONTROL SPECIFICATIONS

Appearance : Light purple to purple coloured medium

pH (at 25°C) : 7.6± 0.2
Sterility Check : Passes release criteria

INTERPRETATION

Culture characteristics observed after incubation

Microorganism	ATCC	Recovery	Incubation Temperature	Incubation Period
Escherichia coli	25922	Luxuriant	35-37°C	18-24 Hours
Bacillus subtilis	6633	Luxuriant	35-37°C	18-24 Hours
Salmonella Typhimurium	14028	Luxuriant	35-37°C	18-24 Hours
Pseudomonas aeruginosa	27853	Luxuriant	35-37°C	18-24 Hours
Staphylococcus aureus	25923	Luxuriant	35-37°C	18-24 Hours

PACKAGING:

In pack size of 10 No.

STORAGE

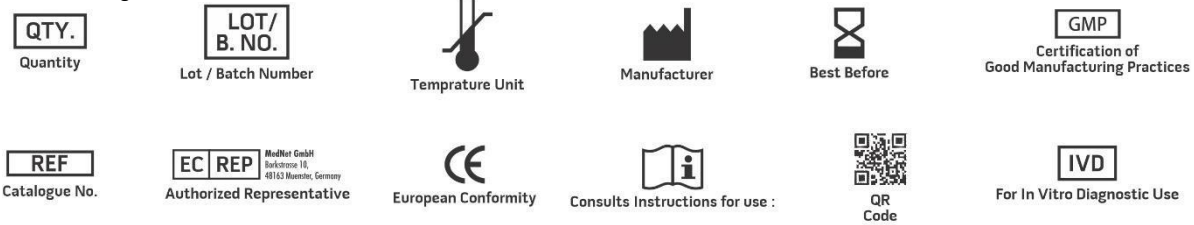
On receipt, store ready–to-use disposable swabs in the dark at 10 to 25° C. Avoid freezing and overheating. The medium may be used up to the expiration date and incubated for the recommended incubation times.
Product Deterioration: Do not use product if they show evidence of microbial contamination, discoloration, or any other signs of deterioration.

DISPOSAL

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

REFERENCES

1. Engley, F.B. and Dey, B.P. Jr. 1970. A universal neutralizing medium for antimicrobial chemicals. Presented at the Chemical Specialties Manufacturing Association (CSMA) Proceedings. 56th Mid-Year Meeting.
2. Downes, F.P. and Ito, K., (Ed.). 2001. Compendium of methods for the microbiological examination of foods, 4th ed. American Public Health Association, Washington, D.C.



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

***For Lab Use Only**
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