CM 22469 – TRANSPORT SWABS W/ BUFFERED PEPTONE SODIUM CHLORIDE 7.0 pH

INTENDED USE
Usefortransportof specimen.

PRODUCT SUMMARY AND EXPLANATION
TRANSPORTSWABSW/BUFFEREDPEPTONESODIUM CHLORIDE 7.0 pH is used for transportation of bacteriological specimen, without significant increase in growth.

COMPOSITION

Ingredients	Gms / Ltr
Peptone	1.000
Potassium dihydrogen phosphate	3.600
Disodium hydrogen phosphate dihydrate	7.200
Sodium chloride	4.300

PRINCIPLE
This medium contains peptonethat serves as a nutrient source and maintains cell viability. Phosphates in the medium acts as a good buffering agent.Sodium chloride maintains the osmotic balance and cell integrity.
Note: The specimen should beinoculated in suitable medium as soon as possible and must not be kept at room temperature for more than 24hours. 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 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	:	Light yellow clear solution
pH (at 25°C)	:	7.0
Sterility Check	:	Passes release criteria

INTERPRETATION
Cultural characteristics observed after recovery on Soybean Casein Digest Agar after incubation at 35 ± 2°C for 18- 24 hours for bacteria and Potato Dextrose Agar after incubation at 25-30°C for 24-48 hours for yeast and moulds.

Microorganisms	ATCC	Inoculum (CFU)	Recovery within 2 hours of incubation	Recovery within 4 hours of incubation	Recovery within 8 hours of incubation	Recovery within 24 hours of incubation
Escherichia coli	8739	50-100	No decrease in colony count	No decrease in colony count	No decrease in colony count	No decrease in colony count

						(stored at 2-8°C)
Salmonella typhimurium	14028	50-100	No decrease in colony count	No decrease in colony count	No decrease in colony count	No decrease in colony count (stored at 2-8°C)
Staphylococcus aureus	6538	50-100	No decrease in colony count	No decrease in colony count	No decrease in colony count	No decrease in colony count (stored at 2-8°C)
Pseudomonas aeruginosa	9027	50-100	No decrease in colony count	No decrease in colony count	No decrease in colony count	No decrease in colony count (stored at 2-8°C)
Bacillus subtilis	6633	50-100	No decrease in colony count	No decrease in colony count	No decrease in colony count	No decrease in colony count (stored at 2-8°C)
Candida albicans	10231	50-100	No decrease in colony count	No decrease in colony count	No decrease in colony count	No decrease in colony count (stored at 2-8°C)

PACKAGING:

Inpacksizeof10 No.

STORAGE

Onreceipt,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

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

REFERENCES

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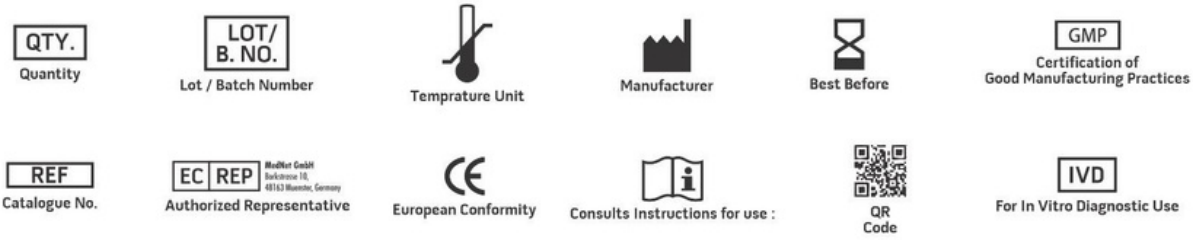
4. Indian Pharmacopoeia, 2018, Govt. of India, the controller of Publication, Delhi, India
5. Isenberg, H.D. Clinical Microbiology Procedures Handbook. 2nd Edition
6. Jorgensen,J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1
7. The United States Pharmacopoeia, 2019, The United States Pharmacopoeial Convention. Rockville, MD.



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

***For LabUse Only**