

TECHNICAL SHEET

TS001	Transport Swabs w/ Amies Medium w/ Charcoal	
Directions:		
Using the capped swab, provided along with the media containing tube, collect the sample to be transported. 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 but it will diminish over the time. 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. The cultures on transport swabs must not be kept at room temperature for more than 24 hours.		
Principle:		
Amies transport medium w/ charcoal is a modification of Stuarts Transport Medium. The medium gives improved recovery of Neisseria gonorrhoeae due to presence of charcoal in the medium. Charcoal neutralizes the toxic effects of material that may hamper growth of pathogens. Addition of inorganic phosphate buffer and sodium chloride make this medium different from Stuarts transport medium. Calcium and magnesium salts control the permeability of bacterial cells. Presence of sodium thioglycollate and small amounts of agar provide a reduced environment. Sterile cotton swabs allow absorption of specimen material while polypropylene shaft allows semi flexibility to the swab stick, aiding in collection.		
(I) QC Tests		
	pH:	7.2 + 0.2
	Color:	Black coloured medium.
	Appearance:	Sterile Amies medium with charcoal in tubes with sterile cotton swabs.
(II) Sterility test		Passes release criteria
(III) Q.C. Test Microbiological		
Viability of following organisms was established for a period of 48 hours. Organisms grew luxuriantly when recovered on Tryptone Soya Agar (B039) and incubated at 35 - 37°C for 18-24 hours.		
	MICROORGANISM (ATCC)	RECOVERY
	Pseudomonas aeruginosa 27853	Luxuriant
	Escherichia coli 25922	Luxuriant
	Klebsiella pneumoniae 13883	Luxuriant
	Neisseria meningitidis 13090	Luxuriant
	S. serotype Typhi 6539	Luxuriant
	Shigella flexneri 12022	Luxuriant
	Staphylococcus aureus 25922	Luxuriant

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Precautions :	1. In Vitro diagnostic use only. 2. Read the label before opening the container
Limitations :	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium. 2. This medium is general purpose medium and may not support the growth of fastidious organisms.
Use:	Recommended for recovery of aerobic, anaerobic and fastidious bacteria from throat, vaginal and wound specimens.
Storage:	Store between 5 - 25°C with caps firmly tighten. DO NOT FREEZE. Use before expiry date on label.
Packing:	7ml of medium in 10/50 tubes with sterile swabs in individual pack.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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