

TECHNICAL SHEET

TS002	Transport Swabs w/ Amies Medium w/o Charcoal	
Directions:		
Using the packed 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:		
Transport Medium, Amies without Charcoal was formulated by Amies by modifying Cary and Blair’s medium for transporting microbiological specimens. In the formulations, potassium chloride, calcium chloride, magnesium chloride and sodium chloride provide essential ions that help maintain osmotic balance while controlling permeability of bacterial cells. Monopotassium phosphate and Disodium phosphate provide buffering capabilities. Sodium thioglycollate suppresses oxidative changes and provides a reduced environment. Sodium glycerophosphate is a buffer for use with calcium chloride. Methylene blue is a colorimetric pH indicator of the oxidation – reduction state. Charcoal neutralizes fatty acids that are toxic to microorganisms. Agar is a solidifying agent.		
(I) QC Tests		
	pH:	7.3 + 0.2
	Color:	Colourless medium.
	Appearance:	Sterile Amies medium w/o 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
	Staphylococcus epidermidis 12228	Luxuriant
	Neisseria meningitidis 13090	Luxuriant
	Streptococcus pyogenes 19615	Luxuriant
	Staphylococcus aureus 25922	Luxuriant

Refer disclaimer Overleaf

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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.
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 provided 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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