

TECHNICAL SHEET

PP005	Chocolate Agar Plate		
Formula			
Ingredients:		gms/lit.	
Proteose peptone		20.000	
Dextrose		0.500	
Sodium chloride		5.000	
Disodium phosphate		5.000	
Agar		15.000	
Haemoglobin		2.000	
Final pH (at 25°C): 7.3 ± 0.2			
Directions:			
Label the ready to use plate (PP005). Either streak, inoculate or surface spread the test inoculum (50-100 CFU) aseptically on the plate.			
Principle:			
Chocolate Agar Base, with the addition of supplements, gives excellent growth of the gonococcus without overgrowth by contaminating organisms. Neisseria gonorrhoeae is a gram-negative bacterium and the causative agent of gonorrhoea; however, it is also occasionally found in the throat. Chocolate Agar Base with addition of supplement not only supports the growth of the gonococcus in pure culture but also permits its development from the mixed flora encountered in chronic gonococcal infections.			
(I) QC Tests			
	pH:	7.3 ± 0.2	
	Color:	Chocolate brown coloured medium.	
	Appearance:	Sterile Chocolate Agar in 85mm disposable plates.	
(II) Sterility test			
Passes release criteria			
(III) Q.C. Test Microbiological			
Cultural characteristics observed after incubation at 35-37°C for 24-48 hours.			
	MICROORGANISM (ATCC)	INOCULUM (CFU)	RECOVERY
	Neisseria gonorrhoeae19424	50-100	luxuriant ≥70%
	Neisseria meningitidis13090	50-100	luxuriant ≥70%
	Streptococcus pneumoniae 6303	50-100	luxuriant ≥70%
	Streptococcus pyogenes19615	50-100	luxuriant ≥70%
	Haemophilus influenzae19418	50-100	luxuriant ≥70%

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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:	For isolation of Neisseria gonorrhoeae from chronic and acute gonococcal infections.
Storage:	Store between 15-25°C. Use before expiry date on the label.
Packing:	20/50 disposable plates.

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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