

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 gonorrhea; 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 90X15mm 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)	GROWTH	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%

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 2-8°C. Use before expiry date on the label.
Packing:	20/50 disposable plates.

Disclaimer:

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