

TECHNICAL SHEET

B1065	HISITEST AGAR				
Formula					
Ingredients :		gms/lit.			
Casein enzymic hydrolysate		11.00			
Peptone		3.00			
Sodium chloride		3.00			
Dextrose		2.00			
Starch		1.00			
Buffer salt		3.30			
Nucleoside basis		0.02			
Thiamine		0.00002			
Agar		8.00			
Final pH (at 25°C): 7.4± 0.2					
Directions :					
Suspend 31.32grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri plates.					
Principle:					
Casein enzymic hydrolysate, peptone, dextrose, vitamins provide nitrogen, carbon compounds and other essential growth nutrients.					
QC Tests - (I) Dehydrated Medium					
Colour :		Light yellow			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		7.4 ± 0.2			
Colour (post autoclaving/heating) :		Light yellow			
Clarity (post autoclaving/heating) :		Clear to slightly opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours					
MICROORGANISM (ATCC)		GROWTH			
Bacillus subtilis (6633)		Good-luxuriant			
Bacteroides vulgatus (8482)		Good-luxuriant			
Enterococcus faecalis (29212)		Good-luxuriant			
Salmonella Typhimurium (14028)		Good-luxuriant			
Staphylococcus aureus (25923)		Good-luxuriant			
Streptococcus pyogenes (19615)		Good-luxuriant			
Precautions :	1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
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 :	It is recommended for determination of antibiotic susceptibility of fastidious microorganisms.				
Storage :	Dehydrated medium- below 8°C Prepared medium- Between 2 to 8°C.				
Packing :	500 gm bottle				
Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1065	31.32g/l	15.96 L	7.4 ± 0.2	Nil	121°C / 15 minutes

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 BIOMARK LABORATORIES publications.

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