

TECHNICAL SHEET

B056	VAGINALIS AGAR BASE				
Formula					
Ingredients :		gms/lit.			
Casein enzymic hydrolysate		12.00			
Peptic digest of animal tissue		15.00			
Meat Extract B#		3.00			
Yeast extract		3.00			
Corn starch		1.00			
Sodium chloride		5.00			
Agar		13.50			
#Equivalent to Beef extract.					
Final pH (at 25°C) : 7.4 ± 0.2					
Directions :					
Suspend 52.5 gms. in 950ml distilled water. Heat to boiling to dissolve the medium completely. Dispense in 95ml amounts and sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes. Cool to around 50-55°C and aseptically add 5ml of sterile anticoagulated human blood to every 95ml sterile basal medium. Mix well and pour into sterile petri plates.					
Principle :					
Peptic digest of animal tissue, casein enzymic hydrolysate, beef extract and yeast extract provide nitrogenous compounds, carbon, sulphur, vitamin B complex and trace ingredients. Corn starch serves as the energy source. Blood supplies additional nutrients and aid in identification.					
QC Tests – (I) Dehydrated Medium					
	Colour :	Yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	7.4 ± 0.2			
	Colour (post autoclaving/heating) :	a) Basal medium : Yellow b) Addition of 5% v/v sterile anticoagulated human blood : Cherry red			
	Clarity (post autoclaving/heating) :	a) Clear to slightly opalescent b) Opaque			
(III) Q.C. Test Microbiological					
	Cultural characteristics observed after 48 hrs at 35-37°C, in an aerobic atmosphere containing 3-10% carbon dioxide.				
	MICROORGANISM (ATCC)	GROWTH	HAEMOLYSIS		
	Gardnerella vaginalis (14018)	Good – luxuriant	β		
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 :					
	For qualitative isolation and differentiation of Gardnerella vaginalis from clinical specimens.				
Storage :					
	Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing :					
	500 gm. bottle				
Product profile:					
	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B056	52.5 g/l	9.52 L	7.4± 0.2	Sterile anticoagulated human blood	121°C/15 min.

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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