

TECHNICAL SHEET

B047	VEILLONELLA AGAR BASE				
Formula					
Ingredients:		gms/lit.			
Casein enzymic hydrolysate		5.00			
Yeast extract		3.00			
Sodium thioglycollate		0.75			
Basic fuchsin		0.002			
Agar		15.00			
Final pH (at 25°C): 7.5 ± 0.2					
Directions:					
Suspend 24 gms. in 1000ml distilled water containing 21ml of 60%, sodium lactate. If desired, 1g of polysorbate 80 may be added. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15lbs pressure (121°C) for 15 minutes. Cool to 50-55°C and aseptically add Vancomycin to a final concentration of 7.5 mcg/ml medium.					
Principle:					
Casein enzymic hydrolysate, yeast extract provides nitrogenous compounds, vitamin B complex and other growth nutrients. Sodium thioglycollate reduces Eh potential. Previously Streptomycin was added to the medium to suppress the growth of other organisms without hampering Veillonella. However, Vancomycin was found to be superior than Streptomycin.					
QC Tests – (I) Dehydrated Medium					
Colour :		Yellow			
Appearance:		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		7.5 ± 0.2			
Colour (post autoclaving/heating) :		Light pink			
Clarity (post autoclaving/heating) :		Opalescent			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 24 - 48 hrs at 35 - 37°C (in an anaerobic atmosphere).					
MICROORGANISM (ATCC)		GROWTH			
Veillonella criceti (17747)		Good – luxuriant			
Veillonella ratti (17746)		Good – luxuriant			
Veillonella dispar (17748)		Good – luxuriant			
Veillonella rodentium (17743)		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 :					
For selective isolation of Veillonella species.					
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
B047	24GM/LIT	20.83 L	7.5 ± 0.2	60% sodium lactate, polysorbate 80	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 BIOMARKLABORATORIES publications.

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