

B508	E.T. VACCINE MEDIUM				
Formula					
Ingredients:		gms/lit.			
Liver infusion from		250.00			
Meat heart infusion from #		250.00			
Peptone, special		20.00			
Sodium chloride		5.00			
Dipotassium hydrogen phosphate		4.00			
# Equivalent to Beef heart infusion from					
Final pH (at 25°C): 8.4 ± 0.2					
Directions:					
Suspend 39 grams in 1000 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.					
Principle:					
Meat heart infusion from provides amino acids and other nutrients. Liver infusion from due to its nutrients characteristics is recommended for cultivation of fastidious anaerobic bacteria such as Clostridia.					
QC Tests - (I) Dehydrated Medium					
Colour:		Cream to brownish yellow coloured with pink tinge			
Appearance:		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
pH (post autoclaving/heating) :		8.4 ± 0.2			
Colour (post autoclaving/heating):		Amber			
Clarity (post autoclaving/heating):		Clear to slightly opalescent solution			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 24-72 hours at 35-37°C under 10% Carbon dioxide.					
MICROORGANISM (ATCC)		Inoculum (CFU)		GROWTH	
Staphylococcus aureus (25923)		50-100		good-luxuriant	
Clostridium botulinum (25763)		50-100		luxuriant	
Clostridium perfringens (12924)		50-100		luxuriant	
Clostridium sporogenes(11437)		50-100		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 used for the mass cultivation of Clostridia for enterotoxin production.			
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			
B508	39.0g/l	12.82L	8.4 ± 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 BIOMARKLABORATORIES publications.

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