

TECHNICAL SHEET

B1091	KUPFERBERG TRICHOMONAS BROTH BASE				
Formula					
Ingredients :					
		gms/lit.			
Casein enzymichydrolysate		20.00			
Maltose	1.00				
L-cysteine hydrochloride		1.50			
Methylene blue	0.003				
Agar		1.00			
Final pH (at 25°C) : 6.0 ± 0.2					
Directions :					
Suspend 23.5 gms.in 950ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbspressure (121°C) for 15 minutes. Cool to 50-55°C and aseptically add 50 ml sterile beef or human serum and rehydrated contents of Trichomonas Selective Supplement (BF069) or 1 mg Chloramphenicol per ml of medium. Mix well and dispense as desired.					
Principle :					
Casein enzymichydrolysate provides the nitrogenous substances. Maltose acts as energy source. The selective agents Streptomycin or Chloramphenicol and Penicillin are inhibitory to gram – positive and gram – negative bacteria but not for Trichomonas species.					
QC Tests – (I)Dehydrated Medium					
Colour :	Yellow				
Appearance :	Homogeneous Free Flowing powder				
(II)Rehydrated medium					
pH (post autoclaving/heating) :	6.0 ± 0.2				
Colour (post autoclaving/heating) :	Light amber				
Clarity (post autoclaving/heating) :	Slightly opalescent				
(III)Q.C. Test Microbiological					
Cultural characteristics observed after 72 hrs. (upto 7 days) at 30°C.					
MICROORGANISM (ATCC)	GROWTH				
Trichomonasgallinae (30002)	Luxuriant				
*Trichomonasvaginalis (30001)	Luxuriant				
Trichomonastenax (30207)	Luxuriant				
*Pentatrichomonas hominis (30000)	Luxuriant				
Key : *= Incubate anaerobically					
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 and cultivation of Trichomonas 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
B1091	23.5g/l	21.27L	6.0 ± 0.2	sterile beef or human serum Trichomonas Selective Supplement (BF069) or 1Chloramphenicol	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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.