

<b>B189</b>	<b>EUGONIC AGAR</b>					
<b>Formula</b>						
<b>Ingredients :</b>		<b>gms/lit.</b>				
Casein enzymic hydrolysate		15.00				
Papaic digest of soyabean meal		5.00				
Dextrose		5.00				
Sodium chloride		4.00				
Sodium sulphite		0.20				
L-Cystine		0.20				
Agar		15.00				
Final pH (at 25°C) : 7.0 ± 0.2						
<b>Directions :</b>						
Suspend 44.4 grams in 1000 ml distilled water. Heat to boiling with frequent stirring to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45°C and add 5 -10% v/v sterile defibrinated blood if desired. The blood may be chocolate by heating, if chocolate agar plates are required.						
<b>Principle :</b>						
Eugonic Agar was formulated by vera t obtain eugonic (luxuriant) cultures of many organisms including Haemophilus, Neisseria, Francisella, Brucella and Lactobacilli which are otherwise difficult to cultivate. It can be used with or without enrichments. The unenriched media support rapid growth of Lactobacilli from cured meat products, dairy products and other foods. When enriched with blood, media support luxuriant growth of pathogenic fungi such as Nocardia, Histoplasms and Blastomyces. When used as a base for preparation of chocolate agar, this medium encourages the growth of fastidious organisms like Neisseria gonorrhoeae. Casein enzymic hydrolysate, papaic digest of soyabean meal, L- cystine, dextrose supports the growth of fastidious microbial species.						
<b>QC Tests – (I)Dehydrated Medium</b>						
Colour :		Cream to yellow				
Appearance :		Homogeneous Free Flowing powder				
<b>(II)Rehydrated medium</b>						
pH (post autoclaving/heating) :		7.0 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Clear to slightly opalascnt.				
<b>(III)Q.C. Test Microbiological</b>						
Cultural characteristics observed with added 5-10%v/v sterile defibrinated blood after an incubation at 35-37°C for 48 hours (fungal cultures incubated at 25-30°C).						
MICROORGANISM (ATCC )		GROWTH				
Streptococcus pneumoniae (6303)		Luxuriant (under 3-5% CO2)				
Streptococcus pyogenes (19615)		Luxuriant (under 3-5% CO2)				
Brucella abortus (4315)		Good (under 3-5% CO2)				
Neisseria meningitidis (13090)		Good				
Lactobacillus fermentum (9338 )		Good				
Candida albicans (26790 )		Good				
Bacillus pumilus (14884)		Good (with 0.1% starch)				
<b>Precautions :</b>		1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
<b>Limitations :</b>		1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.				
<b>Use :</b>		Recommended for the cultivation of fastidious microorganisms like Haemophilus, Nesseria, Pasteurella, Brucella and Lactobacillus species.				
<b>Storage :</b>		Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
<b>Packing :</b>		500 gm bottle				
<b>Product profile:</b>		Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
<b>B189</b>	44.4g/l	11.261 lit		7.0 ± 0.2	Nil	121°C/15 min

Refer disclaimer Overleaf

**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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