

MAST® Culture Media and Supplements

Technical Information Sheet

Product Code DM 101



Blood Agar Base Special (B.A.B.-S)

A routine isolation medium of exceptional nutritional properties.

1. Description

B.A.B.-S. has been designed to give exceptional growth of fastidious organisms, resulting in large, easy to identify colonies of typical morphology. Even *Haemophilus* spp.

give significant growth on the medium with added but unheated blood. Recovery rates are extremely high and haemolytic reactions are typical.

2 Typical Formula*

Formula	grams per litre
Selected peptone mixture	21.0
NaCl	5.0
Yeast extract	2.0
Agar	10.5
D-glucose	0.5
Magnesium sulphate	0.045
pH approx. 7.3	

3. Directions

1. Suspend by swirling 39g of powder in 1 litre, or the contents of the sachet in the stated volume of distilled or deionised water.
2. Autoclave at 121°C (15 p.s.i.) for 15 minutes.
3. Thoroughly mix before pouring.

4. In Use

"Blood Agar"

Cool the base to about 50°C and add aseptically 7% sterile defibrinated blood. Agitate gently to disperse the blood and pour.

"Chocolate Agar"

Add 7% sterile defibrinated blood to the base at 75°C and maintain at this temperature for 10 minutes. Agitate gently and pour. Alternatively, heated blood plates may be prepared by holding poured blood agar plates at 55°C for 1-2 hours.



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*Formulation may be modified to meet performance criteria

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