

**AgarCult™**  
**Blood Agar Base No.2**

Base medium for the preparation of blood agar plates by ISO 7932 and  
ISO 11290-1

Formula	g/l
Protease Peptone	15
Liver extract	2.5
Yeast extract	5
Sodium chloride	5
Agar	12
<b>Total</b>	<b>39.5</b>
<b>pH:</b> 7.3 ± 0.2 at 25°C	

**Preparation**

- # Dissolve 39.5g in 1000ml of distilled water (purified water)
- # Heat and frequent stirring to completely dissolve the medium
- # Autoclave at 121°C for 15 minutes
- # Cool to 45-50°C, add 50-100ml sheep blood or horse blood
- # Mix well and dispense into appropriate sterile containers

**Quality Control (37°C, 24H)**

Organism	Ref. No.	Result
Bacteroides fragilis	NCTC 9343	Growth, grey colonies
Escherichia coli	NCTC 12241	Growth, opaque/grey colonies
Streptococcus pyogenes	NCTC 12696	Growth, white colonies with β haemolysis

**Storage**

Store the dehydrated medium tightly closed in a dry place at room temperature and use before the expiry date on the label.

Dehydrated medium: 2-30°C

**Ordering information**

Code	Products	Package
BA2500	AgarCult™ Blood Agar Base No.2	500g/Bottle
BA25000	AgarCult™ Blood Agar Base No.2	5kg/Bottle
DSB10	AgarCult™ Defibrinated Sheep Blood	10ml/Bottle
DSB100	AgarCult™ Defibrinated Sheep Blood	100ml/Bottle
DHB10	AgarCult™ Defibrinated Horse Blood	10ml/Bottle
DHB100	AgarCult™ Defibrinated Horse blood	100ml/Bottle