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# Product Name : Blood Agar

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Medium for isolation of gram-negative anaerobic *Prevotella* spp.

## FORMULA (G/L)

Yeast Extract ..... 5.0  
Tryptone ..... 17.0  
Soytone ..... 3.0  
Glucose ..... 2.5  
Sodium Chloride ..... 5.0  
Dipotassium Phosphate ..... 2.5  
Agar..... 20.0  
Final pH = 7.3 ± 0.2 at 25°C.

## DIRECTIONS

Suspend 55.0 G of powder in 1 L of distilled water and bring to the boil to dissolve the medium completely. Sterilize by autoclaving at 121°C for 15 minutes. Cool to 45-50 °C. To the sterilized medium aseptically add 5 % of Sheep Blood Defibrinated (MB-S1876), defibrinated human blood or rabbit blood. Aseptically add 2 vials of Blood Agar supplement (MB-B0710). Mix well. Dispense in petri dishes.

### **Blood Agar supplement**

1 Vial contents (each vials sufficient for 500mL of medium)

Cysteine.....0.25 g  
Hemin.....2.5 mg  
Vitamin K1.....0.0005 mL

## EXPLANATION

Blood Agar is for isolation of gram-negative anaerobic *Prevotella* spp.

## USER QUALITY CONTROL

### Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light beige.

### Prepared medium

Appearance: opaque, with no hemolysis.

Color: cherry-red.

Incubation conditions: 36 ± 1°C / up to 7 days, anaerobically.

Microorganism	ATCC	Growth
<i>Prevotella intermedia</i>	25611	good

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### STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2-6°C.

### PACKAGING

Cat. No : MB-B0618 Blood Agar	500 G
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