

OXOID PRODUCT SPECIFICATION

BRUCELLA BLOOD AGAR

PB1157A

Typical Formula

| | grams per litre |
|--------------------|-----------------|
| Peptone | 10.0 |
| 'Lab-Lemco' powder | 5.0 |
| Glucose | 10.0 |
| Sodium chloride | 5.0 |
| Agar | 15.0 |

Addition

| | |
|--------------------------|--------|
| Defibrinated horse blood | 50ml |
| Vitamin K1 | 2.0µl |
| Haemin | 10.0mg |

Preparation

Suspend Brucella Medium Base (45 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add defibrinated horse blood (50 millilitres / litre), vitamin K1 (2 microlitres / litre) and haemin (10 milligrams / litre) as above, mix. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single cellulose-based film wrap. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

Physical Characteristics

Physical Tests

| | |
|-------------|--------------|
| pH | 7.5 ± 0.2 |
| Colour | Red |
| Clarity | Opaque |
| Fill weight | 19.5g ± 1.0g |

Packaging and presentation:

General appearance of packaging and label should be satisfactory. Label data should be correct.

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

**Results after incubation at 35-39°C for 36-48 hours under anaerobic conditions
(for details refer to Oxoid Manual – Atmosphere Generation Systems)**

Positive controls

Inoculum 10-100 colony forming units

| | | |
|-------------------------------|-------------|---------------|
| <i>Clostridium sporogenes</i> | ATCC® 19404 | Grey colonies |
| <i>Bacteroides fragilis</i> | ATCC® 25285 | Grey colonies |

Results after incubation at 35-39°C for 36-48 hours

| | | |
|------------------------------|-------------|----------------|
| <i>Staphylococcus aureus</i> | ATCC® 25923 | Cream colonies |
|------------------------------|-------------|----------------|

Colony counts shall be equal to or greater than 50% of the control medium.

Storage conditions

Store away from the light between 2-10°C.