

## OXOID PRODUCT SPECIFICATION

### BRUCELLA BLOOD AGAR PLATE (USA)

PB1165A

#### Typical Formula

	grams per litre
Pancreatic digest of casein USP	10.0
Peptic digest of animal tissue USP	10.0
Glucose	1.0
Yeast extract	2.0
Sodium chloride	5.0
Sodium bisulphite	0.1
Agar	15.0

#### Addition

Defibrinated sheep blood	50ml
Vitamin K1	2.0mg
Haemin	10.0mg

#### Preparation

Suspend Brucella Agar Base (USA), (43 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add defibrinated sheep blood (50 millilitres / litre), vitamin K1 (2 milligrams / 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	7.0 ± 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 <sup>®</sup> 19404	Grey colonies
<i>Bacteroides fragilis</i>	ATCC <sup>®</sup> 25285	Grey colonies

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

<i>Staphylococcus aureus</i>	ATCC <sup>®</sup> 25923	Cream colonies
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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.