

PRODUCT SPECIFICATION

OXOID HELICOBACTER PYLORI SELECTIVE AGAR

PB0398A

Typical Formula*

	grams per litre
Special peptone	23.0
Starch	1.0
Sodium chloride	5.0
Agar	10.0

Additions

Helicobacter pylori Selective Supplement (DENT)

Vancomycin	10.0mg
Trimethoprim	5.0mg
Cefsulodin	5.0mg
Amphotericin B	5.0mg
Lysed horse blood	70ml

*adjusted as required to meet performance standards

Preparation

Suspend Columbia Blood Agar Base (39.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add lysed horse blood (70ml / litre) and Helicobacter pylori selective supplement, as above, mix. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format

Ten 90mm plates, wrapped in a single nylon 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

pH	7.3 ± 0.2
Colour	Red/ brown translucent
Clarity	Clear
Fill weight	19.0 ± 2.0g

Packaging and presentation

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

Contamination Check

Microbiological Tests Using Optimum Inoculum Dilution

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

Results after incubation at 35-39°C for 5 days under microaerophilic conditions

Positive control

Inoculum 10 - 100 colony forming units

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Helicobacter pylori ATCC® 43526 Colourless colonies

Colony counts shall be equal to or greater than 50% of the control medium (Columbia Blood Agar).

Negative control

Inoculum 10,000 – 100,000 colony forming units

Results after incubation at 35-39°C for 2 days

Candida albicans ATCC® 10231 No growth

Inoculum determined on the on the control medium (Sabouraud Dextrose Agar).

Storage conditions

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

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