

HELICOBACTER PYLORI SELECTIVE AGAR

Ready to use plates for the isolation of *H.pylori*

Typical formula

Columbia Agar Base	1000 ml
Lysed Horse Blood	70 ml
Vancomycin	10 mg
Trimethoprim	5 mg
Cefsulodin	5 mg
Amphotericin B	5 mg

pH 7.3± 0.2

Description and technique

Helicobacter Pylori Selective Agar is a selective medium prepared with a supplement formulated by Dent, for the isolation of *H. pylori* from clinical specimens (gastric biopsies).

Smear the specimens on the moist plates as soon as possible after collection. Incubate at 35°C for 72 hours under microaerophylic conditions. Examine for the presence of translucent and non-coalescent colonies. Confirm with biochemical test. *H.pylori* grows at 35°C, doesn't grow at 25°C, it is urease, catalase and oxidase positive. It is hyppurate negative

Storage

Store at 2-8° - When stored as directed the plates remain stable until the expiry date shown on the label. Do not use beyond stated expiry date

Reference

- Dent, J.C., Mc Nulty, C.A.M. (1988) Eur. J. Clin. Microbiol. Infec. Dis. 7, 555-558

Packaging

541273 Helicobacter Pylori Selective Agar (Dent), 20 ready to use plates