

### Helicobacter Pylori Selective Supplement (iS47027)

A selective supplement for isolation of *Helicobacter pylori* from clinical specimens.

Industry: Clinical

#### Description

A selective supplement for the isolation of *Helicobacter pylori* from clinical specimens is formulated with specific inhibitors. Vancomycin targets gram-positive *Staphylococcus*, *Streptococcus*, and *Bacillus* species, while Amphotericin inhibits contaminating fungi. Additionally, Trimethoprim acts against other enteric bacteria, and Cefsulodin inhibits *Pseudomonas aeruginosa*.

#### Content per Vial

1 Vial for 500 ml of culture medium.

|                |        |
|----------------|--------|
| Vancomycin     | 5.0 mg |
| Amphotericin B | 2.5 mg |
| Cefsulodin     | 2.5 mg |
| Trimethoprim   | 2.5 mg |

#### Directions

Add 2 ml of sterile distilled water into one vial, gently mixing to ensure complete dissolution. Filter sterilize the solution and, under aseptic conditions, introduce it to 500 ml of sterile Columbia Blood Agar Base, pre-cooled to 50 °C, and supplemented with 35 ml of lysed horse blood. Thoroughly mix and pour the resulting mixture into sterile Petri dishes.

#### Storage

Store in a light-protected environment at -20°C.