

	Document Owner Department: QC	BT-SPEC-0496
		Page 1 of 3
<b>OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION</b>		
<b>HELICOBACTER PYLORI SELECTIVE SUPPLEMENT (DENT) (SR0147E)</b>		

## HELICOBACTER PYLORI SELECTIVE SUPPLEMENT (DENT)

SR0147E

### Formula

Per vial (each vial is sufficient to supplement 500ml of medium)

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

### Description

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

### Directions

To one vial aseptically add 2ml of sterile distilled water and mix gently to dissolve the contents completely. Avoid frothing. Add the contents of 1 vial aseptically to 500ml of sterile Columbia Blood Agar Base (CM0331), cooled to 50°C and add 35ml laked horse blood (SR0048). Mix well and pour into sterile Petri dishes.

### Physical Characteristics

Pale yellow pellet  
Sterility - passes test

### Microbiological Tests using Optimum Inoculum Dilution

#### Reactions after incubation at 37°C for 3-5 days under microaerophilic conditions

Medium challenged with 10 – 100 colony-forming units

<i>Helicobacter pylori</i>	ATCC®43526	Pinpoint-1mm colourless colonies
<i>Helicobacter pylori</i>	ATCC®43504	Pinpoint-1mm colourless colonies

A satisfactory result is represented by recovery of equal to or greater than 70% of the control medium.

Medium challenged with 1E+04 to 1E+06 colony-forming units

<i>Pseudomonas aeruginosa</i>	ATCC®27853	No growth or ppt-8mm grey colonies
<i>Candida albicans</i>	ATCC®10231	No growth
<i>Enterococcus faecalis</i>	ATCC®19433	No growth
<i>Escherichia coli</i>	ATCC®25922	No growth

**OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION****HELICOBACTER PYLORI SELECTIVE SUPPLEMENT (DENT) (SR0147E)***Proteus mirabilis*

ATCC®12453

No growth

Negative strains are inhibited or produce a negative diagnostic reaction.

	Document Owner Department: QC	BT-SPEC-0496
		Page 3 of 3
<b>OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION</b>		
<b>HELICOBACTER PYLORI SELECTIVE SUPPLEMENT (DENT) (SR0147E)</b>		

### Revision History

Section / Step	Description of Change	Reason for Change	Reference
Microbiological tests	Increase size of <i>Helicobacter pylori</i> morphology from ppt-0.5mm to ppt-1mm	Incident	1017869