OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION

CAMPYLOBACTER SELECTIVE SUPPLEMENT (KARMALI) SR0167E

CAMPYLOBACTER SELECTIVE SUPPLEMENT (KARMALI) **SR0167E**

Formula

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

Sodium pyruvate	50.0 mg
Cefoperazone	16.0 mg
Vancomycin	10.0 mg
Cycloheximide	50.0 mg

Description

A selective supplement for the isolation of *Campylobacter*.

Directions

To one vial aseptically add 2ml of 1:1 ethanol/sterile distilled water and mix gently to dissolve the contents completely. Add the vial contents to 500ml of Campylobacter Agar Base (Karmali) (CM0935) cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical characteristics

White pellet
Sterility - passes test

Microbiological Test using Optimum Inoculum Dilution

Control Medium: Columbia Blood Agar Base enriched with 7% v/v laked horse blood and Campylobacter Growth Supplement SR0232

Reactions after incubation at 42°C for 48 hours under microaerophilic conditions

Tested in Campylobacter Agar Base (Karmali) CM0935

Medium is challenged with 10-100 colony forming units

Campylobacter jejuni	ATCC®29428	0.5-2mm grey colonies
Campylobacter jejuni	ATCC®33560	0.5-2mm grey colonies
Campylobacter coli	ATCC®43478	0.5-2mm grey colonies
Candida albicans	ATCC®10231	Pinpoint-0.5mm feather-edged, grey colonies

A satisfactory result is represented by recovery of positive strains equal to or greater than 50% of the control medium.

For *Candida albicans* ATCC® 10231, a satisfactory result is represented by recovery equal to or greater than 40% of the control medium.

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

Pseudomonas aeruginosa	ATCC®27853	No growth
Escherichia coli	ATCC®8739	No growth
Staphylococcus aureus	ATCC®25923	No growth

Negative strains are inhibited.

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

Campylobacter lari	ATCC®35221	0.5-2mm grey colonies

Testing performed in accordance with current CLSI M22 A

Reactions after incubation at 42°C for 48 hours under microaerophilic conditions

Tested in Campylobacter Agar Base (Karmali) CM0935

Medium is challenged with 10-100 colony forming units

Campylobacter jejuni	ATCC®33291	0.5-2mm grey colonies

A satisfactory result is represented by recovery of positive strains equal to or greater than 50% of the control medium.

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

Escherichia coli	ATCC®25922	No growth

Negative strains are inhibited.

OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION

CAMPYLOBACTER SELECTIVE SUPPLEMENT (KARMALI) SR0167E

Revision History

Section / Step	Description of Change	Reason for Change	Reference
Directions typographical error	Change '5ml' to '2ml' to bring in-line with leaflet.	IVDR Project - harmonisation of documentation (2017746)	MBD-2022-0167
Microbiological Characteristics	Change *Campylobacter jejuni* ATCC®33291 colony morphology		