



CAMPYLOBACTER CCDA Supplement

ENGLISH

Selective supplement for the enrichment of CAMPYLOBACTER BLOOD FREE MEDIUM BASE medium for the isolation of *Campylobacter jejuni*, *C. coli* and *C. laridis*.

DESCRIPTION

CAMPYLOBACTER CCDA Supplement is a selective supplement for the isolation of *Campylobacter jejuni*, *C. coli* and *C. laridis*, made of a freeze-dried mixture of Cefoperazone and Amphotericin B. CAMPYLOBACTER CCDA Supplement is used for the selective enrichment of CAMPYLOBACTER BLOOD FREE MEDIUM BASE medium code 610130 r 620130.

KIT CONTENTS

Each kit contains:

- 10 bottles of freeze-dried CAMPYLOBACTER CCDA SUPPLEMENT
- 1 instruction sheet

PRINCIPLE OF THE METHOD

CAMPYLOBACTER CCDA Supplement is based on the original formulation described by Bolton and others; an increase of selectivity was obtained by the substitution of Cefazolin with Cefoperazone from the original formulation. Amphotericin B is active against micetes. More recent studies demonstrated that a higher percentage of isolation of *Campylobacter* is obtainable by the incubation of plates at 37 °C rather than at 42 °C.

COMPOSITION

CAMPYLOBACTER CCDA Supplement		
	Content / bottle	Content / l of medium
Cefoperazone	16.0 mg	32.0 mg
Amphotericin B	5.0 mg	10.0 mg

TEST PROCEDURE

1. Reconstitute aseptically the content of one bottle of CAMPYLOBACTER CCDA Supplement with 5 ml of sterile distilled water. Shake until completely dissolved, avoiding foam formation.
2. Add aseptically the entire content of one bottle (5 ml) to 500 ml of the medium CAMPYLOBACTER BLOOD FREE MEDIUM BASE 610130 or 620130 autoclaved and cooled at 45-50 °C.
3. Mix with care.
4. Distribute into Petri dishes.

TECHNIQUE AND INTERPRETATION OF THE RESULTS

Refer to the technical documentation for CAMPYLOBACTER BLOOD FREE MEDIUM BASE 610130 or 620130.

QUALITY CONTROL

1. Control of the appearance: freeze-dried product, light yellow colour.
2. Microbiological control.

Prepare plates using as base the medium CAMPYLOBACTER BLOOD FREE MEDIUM BASE 610130 or 620130 enriched with Campylobacter CCDA supplement (1 bottle in 500 ml of medium).

Plates are inoculated with the strains indicated in the microbiological control table.

Incubation conditions: 48 h at 36 ± 1 °C, in atmosphere of microaerophilia for Campylobacter.

Microbiological control:

Control strains	Growth
<i>Campylobacter jejuni</i>	Good
<i>Candida albicans</i>	Inhibited
<i>Staphylococcus aureus</i>	Inhibited

PRECAUTIONS

The product CAMPYLOBACTER CCDA Supplement is classifiable as hazardous under current legislation; it is recommended that the Safety Data Sheet be consulted on its use. CAMPYLOBACTER CCDA Supplement is a selective supplement to be used only for *in vitro* diagnostic use. It is intended for use in a professional environment and must be used in the laboratory by properly trained personnel, using approved asepsis and safety methods for handling pathogenic agents.

STORAGE

Store CAMPYLOBACTER Skirrow Supplement at 2-8 °C in its original packaging. In such conditions CAMPYLOBACTER Skirrow Supplement will remain valid until the expiry date indicated on the label. Do not use beyond that date. Eliminate without using if there are signs of deterioration.

REFERENCES

- Bolton, F.J., Hutchinson, D.N. and Coates, D. (1984) J. Clin. Microbiol. **19**: 169-171.
- Hutchinson, D.N., and Bolton, F.J. (1984). J. Clin. Path. **34**: 956-957.
- Bolton, F.J., Hutchinson, D.N. and Parker G. (1988). Eur. J. Clin. Microbiol. Infect. Dis. **7**: 155-160.
- MAFF Validated methods for the analysis of foodstuffs: method for the detection of thermotolerant Campylobacter in foods (v30) j. Assoc. Publ. Analysts (1993) **29**: 253-262.
- Association of Official Analytical Chemists. 1995. Bacteriological analytical manual, 8th Ed.

PRESENTATION

Product	REF	
CAMPYLOBACTER CCDA Supplement	81037	10 bottles

One bottle is sufficient to prepare 500 ml of medium.

TABLE OF SYMBOLS

In Vitro Diagnostic Medical Device	Do not reuse	Manufacturer	Contains sufficient for <n> tests	Temperature limitation
Catalogue number	Fragile, handle with care	Use by	Caution, consult accompanying documents	Batch code



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Rev.0 / 06.04.2005