

# Campylobacter Supplement (Bolton)



- For in vitro use only -

## Catalogue No.

VC22-05 Campylobacter Supplement (Bolton) [5-mL / 500-mL] (Frozen Liquid)  
LC22-05 Campylobacter Supplement (Bolton) [5-mL / 500-mL] (Lyophilized)

A selective supplement used for the selective enrichment of *Campylobacter* species when incorporated into Bolton Broth.

## Active Ingredients per 5-mL Vial (Each vial prepares 500-mL of media)

Cefoperazone ..... 10 mg  
Vancomycin ..... 10 mg  
Trimethoprim ..... 10 mg  
Cycloheximide ..... 25 mg

## Appropriate Commercial Bases

| Manufacturer | Description                       | Catalogue No. |
|--------------|-----------------------------------|---------------|
| Merck        | Bolton Selective Enrichment Broth | 1.00068       |
| Oxoid        | Bolton Broth                      | CM983         |

## Reconstitution Procedure

The lyophilized supplement must be reconstituted prior to using:

1. Aseptically add 5.0-mL of 50:50 ethanol / sterile, purified water to the vial.
2. Swirl vial gently until supplement is completely dissolved.

## Recommended Procedure for Media Preparation

1. Allow one 5.0-mL vial of Campylobacter Supplement (Bolton) and 25-mL of Laked Horse Blood to adjust to room temperature prior to using.
2. Prepare and sterilize 500-mL of Bolton's Broth according to the manufacturer's recommendations. (Heat with stirring until dissolved then autoclave for 15 minutes at 121°C)
3. Cool medium to room temperature.
4. Mix supplement well before adding.
5. Aseptically add 25-mL of Laked Horse Blood and 5.0-mL vial of Campylobacter Supplement (Bolton) to the medium; mix well to incorporate the supplement thoroughly into the medium.
6. Dispense medium into sterile tubes or containers.

## Quality Control

The following organisms should be used to determine the performance of the completed medium. Inoculate and incubate at 37°C for up to 48 hours.

| Organism                                  | Expected Results |
|---|------------------|
| <i>Campylobacter jejuni</i><br>ATCC 29428 | Growth (Turbid)  |
| <i>Escherichia coli</i><br>ATCC 25922     | Inhibition       |

## Storage and Shelf Life

Our frozen *Campylobacter* Supplement (Bolton) has a shelf life of 26 weeks from the date of manufacture when stored at -20°C. The lyophilized supplement has a shelf life of 104 weeks (2 years) from the date of manufacture when stored at 4 to 8°C.

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