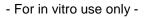
# **Campylobacter Supplement (Bolton)**



## 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 1	0 mg
Vancomycin 1	0 mg
Trimethoprim 1	0 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  $37^{\circ}$ C for up to 48 hours.

Organism	Expected Results
<i>Campylobacter jejuni</i> ATCC 29428	Growth (Turbid)
<i>Escherichia coli</i> 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  $8^{\circ}$ C.

Original: March 2004 Updated: March 2004 Checked: January 2014