

Campylobacter Supplement (CFPA)



- For in vitro use only -

Catalogue No.

VC30-05 Campylobacter Supplement (CFPA) [5-mL / 500-mL] (Frozen Liquid)

LC30-05 Campylobacter Supplement (CFPA) [5-mL / 500-mL] (Lyophilized)

A selective supplement used for the selective isolation of *Campylobacter* species when incorporated into Campylobacter Blood Free Medium.

This selective supplement contains two active antimicrobial agents: cefoperazone and amphotericin B. Cefoperazone is a broad spectrum, third generation cephalosporin with good activity against both gram-positive and gram-negative organisms. Amphotericin B is a polyene macrolide antibiotic used in the treatment of life-threatening fungal infections.

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

Cefoperazone 16 mg
Amphotericin 5 mg

Appropriate Commercial Bases

Manufacturer	Description	Catalogue No.
Acumedia	Campy Blood Free Selective Medium (CCDA)	7427A
Oxoid	Campylobacter Blood-Free Selective Agar Base	CM739

Reconstitution Procedure

The lyophilized supplement must be reconstituted prior to using:

1. Aseptically add 5.0-mL of cool, 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 (CFPA) to adjust to room temperature prior to using.
2. Prepare and sterilize 500-mL of Campylobacter Blood Free Agar according to the manufacturer's recommendations. (Heat with stirring until dissolved then autoclave for 15 minutes at 121°C)
3. Cool medium to 45 to 50°C in a water bath.
4. Mix supplement well before adding.
5. Aseptically add the 5.0-mL vial of Campylobacter Supplement (CFPA) to the medium; mix well to incorporate the supplement thoroughly into the medium.
6. Dispense medium into sterile petri dishes. Allow medium to set on a cool, level surface.

Quality Control

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

Organism	Expected Results
<i>Campylobacter jejuni</i> ATCC 29428	Growth, gray colonies
<i>Escherichia coli</i> ATCC 25922	Partial to complete Inhibition
<i>Candida albicans</i> ATCC 10231	Partial to complete Inhibition

Storage and Shelf Life

Our frozen *Campylobacter* Supplement (CFPA) 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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