

Clostridium Difficile Selective Supplement, CCFA (iS47017)

A selective supplement for the isolation of *Clostridium difficile*.

Industry: Clinical / Food

Description

This antibiotic supplement, featuring D-cycloserine and cefoxitin as selective agents, effectively hinders the proliferation of a broad spectrum of bacteria, including most *Enterobacteriaceae*, *Enterococcus faecalis*, *staphylococci*, Gram-negative non-sporing anaerobic *bacilli*, and various *Clostridia* species (with the exception of *Clostridium difficile*). Its targeted composition makes it a valuable tool for selectively isolating *Clostridium difficile*.

Content per Vial

1 Vial for 500 ml of culture medium.

D-cycloserine 125.0 mg

Cefoxitin 4.0 mg

Directions

Dissolve the contents of one vial completely by gently mixing with 2 ml of distilled water. After complete dissolution, filter sterilize the solution and aseptically introduce it into 500 ml of sterile Clostridium Difficile Agar Base, previously cooled to 50 °C. Thoroughly mix the solution and pour it into sterile Petri dishes.

Storage

Store in a light-protected environment at -20°C.