

Staph/Strep (CNA) Selective Supplement (iS47050)

A selective supplement for the isolation of *Staphylococci* and *Streptococci*.

Industry: Pharmaceutical / Veterinary / Clinical / Food

Description

Staph/Strep CNA Selective Supplement is a valuable addition for the selective isolation of gram-positive *cocci*. It includes colistin, a polypeptide antibiotic from the polymyxin group, and nalidixic acid, a first-generation quinolone. These components are particularly effective against gram-negative bacteria, making the supplement ideal for the selective cultivation of gram-positive *cocci* on Columbia CNA Agar. The medium provides a conducive environment for the growth of yeast, *staphylococci*, *streptococci*, and *enterococci*, while suppressing *Enterobacteriaceae* and *Pseudomonas* species.

Content per Vial

1 Vial for 500 ml of culture medium.

Nalidixic Acid	7.5 mg
----------------	--------

Colistin Sulphate	5.0 mg
-------------------	--------

Directions

Rehydrate the contents of one vial with 5 ml of sterile distilled water, ensuring complete dissolution. Filter sterilize the solution and aseptically combine it with 5-7% sterile defibrinated horse blood. Add this mixture to 500 ml of sterile Columbia Blood Agar Base cooled to 50 °C. Thoroughly mix and pour the resulting agar into sterile petri dishes.

Storage

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