

Bordetella Selective Supplement (iS47005)

A selective supplement for the isolation of *Bordetella* species when used with Charcoal Agar.

Industry: Clinical

Description

Bordetella Selective Supplement, containing the first-generation cephalosporin cephalixin, demonstrates good gram-positive activity and modest gram-negative activity. While its inclusion in charcoal agar significantly suppresses nasopharyngeal flora, it retards the growth of *Bordetella*, requiring an extended incubation period of four to five days at 35°C to achieve optimal growth.

Content per Vial

1 Vial for 500 ml of culture medium.

Cephalexin	20 mg
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Directions

Add 5 ml of sterile distilled water to the contents of one vial, gently mixing to dissolve completely. Filter sterilize the solution and add it to 500 ml of sterile Charcoal Agar cooled to 50 °C, ensuring thorough mixing and pour into sterile petri dishes.

Storage

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