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## **STREPTOCOCCI SELECT MEDIUM**

### **Improved with 5% sheep blood**

**Cat No. PD133**

Selective enriched medium for the isolation of group A *Streptococci* from respiratory specimens.

This medium is recommended for the isolation of *Streptococci* from specimens which are heavily contaminated with accompanying microbial flora.

Caseins, beef extract, maltose and special specific growth factors provide nutrient essential that favor the recovery of *Streptococci* within 24 hours at 37° C, enhancing also the beta haemolytic reactions. Because of the overgrowth of the normal flora present in most specimens, selective ingredients have been added to the blood agar to improve the detection of group A *Streptococci*. Neomycin and Polymixin B sulfates provide complete inhibition of gram-negative rods and the addition of other antimicrobial agents inhibiting gram-positive microorganisms resulted in a unique combination which improves selectivity and allows presumptive identification of group A *Streptococci*, which are not affected by this antimicrobial combination, according to their typical beta-haemolytic reaction and a zone of growth inhibition around a bacitracin ( 0.04 units) disc.

Incubation under anaerobic or microanaerobic conditions will improve the selectivity of the agar and haemolytic reaction of the *Streptococci*.