

# **Colistin**

## **Nalidixic Acid**

**S2012** 10 x 500 ml vials

*For the selective isolation of Gram positive cocci*

### **FOR LABORATORY USE ONLY**

#### **Contents/Vial**

Colistin 5 mg  
Nalidixic Acid 5 mg

#### **Final Concentration**

@ 1 vial per 500 ml medium

Colistin 10 mg/litre  
Nalidixic Acid 10 mg/litre

#### **Application**

When added to Columbia. Agar (BC2001) together with 5% sterile horse or sheep blood supplements this antibiotic mixture produces a selective medium for the isolation of Gram positive cocci known as C.N.A.

**Ref;** A new culture medium for medical bacteriology. Ellner et al. *Amer J Clin Path.*

#### **Health & Safety**

When used properly this material presents no hazard to the user. Should a vial be broken and the dry powder spilled observe standard laboratory precautions for disposal of low hazard waste.

#### **Instructions**

Rehydrate the contents of one vial aseptically with 5 ml of sterile deionised water. The addition can be done either with a syringe and needle through the rubber stopper or by removing the stopper and adding the reconstitution fluid with a sterile pipette.

Add the reconstituted supplement aseptically to freshly sterilised medium that has been allowed to cool to 47°C, add other supplements. Mix well and pour.

**NOTE:** As the majority of supplements are heat labile addition should be made to cooled medium immediately before dispensing.

#### **Shelf Life**

Lyophilised supplements have a long shelf life stored at 4°C (3 years from date of manufacture). Once reconstituted the material should be used immediately or discarded.