# Microbiology

# ELI COLOREX™ VET ID

## BACTERIAL IDENTIFICATION AND ANTIBIOTIC TREATMENT GUIDANCE

*Tri-compartemented agar for the direct detection and identification of bacteria and their antibiotic susceptibility in :*

- *mastitis and diarrhoea infections **in calves**.*

- *ear, urinary, skin and digestive tract infections **in cats and dogs**.*

◆ Quick and **easy-to-use** in 2 minutes.

◆ Validated on **several samples**: urine, stool, wound, milk.

◆ **Visual interpretation** and results within 24 hours.

◆ Compartment with AMC antibiotic for sensitivity testing.

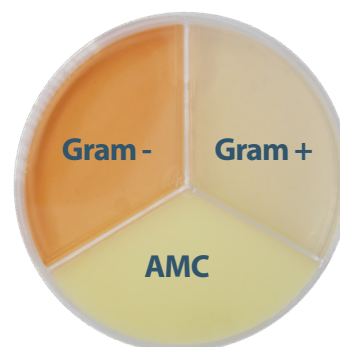## ELITechGroup
EMPOWERING IVD

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## ▶ PRINCIPLE

The Gram + and Gram - compartments allow the isolation and differentiation of bacteria. They contain respectively an inhibitor of Gram + and Gram - bacteria, and a mixture of chromogenic substrates whose hydrolysis allows direct identification of the main species by spontaneous coloration of the colonies within 24 hours at 37 °C ± 1 °C.

The "AMC" compartment is a non-selective agar allowing the isolation and differentiation of Gram + and Gram - bacteria resistant to Amoxicillin + Clavulanic Acid (AMC).

## ▶ PROCEDURE

**1** **Plate** the 3 compartments of the agar **ending with the AMC compartment** according to the type of sample.

**2** **Incubation** 24h at 37 °C ± 1 °C.

**3** **Read the results** according to the chart provided.

## ▶ RESULTS INTERPRETATION

*Some examples*

### Gram (+)

- *Enterococcus spp.*
- *Listeria spp.*
- *Staphylococcus aureus*
- *Staphylococcus spp.*
- *Streptococcus uberis*
- Other species

### Gram (-)

- *Escherichia coli*
- *Citrobacter freundii*
- *Enterobacter*
- *Klebsiella pneumoniae*
- *Serratia marcescens*
- *Pseudomonas spp.*
- Other species

### Compartment AMC

- *Escherichia coli*
- *Klebsiella / Enterobacter*
- *Serratia*
- *Citrobacter*
- *Proteus mirabilis*
- *Pseudomonas aeruginosa*
- *Staphycoloccus aureus*
- *Streptococcus spp.*
- *Enterococcus*

## ▶ PRODUCT RANGE

| REF. | NAME | QTY |
|------|------|-----|
| 22803 | **ELI COLOREX VET ID** | 3 Tests |