

DNA  
DIAGNOSTIC

# Enterit 4 calves

Identify multiple pathogens of calf diarrhea



FAST AND  
ACCURATE  
DIAGNOSTICS  
OF DIARRHEA  
IN CALVES

## Enterit 4 calves

- 4 bacteria, 2 viruses, 2 parasites
- Quick complete results within the same day
- Implement appropriate treatment and vaccination
- Reduce morbidity and/or mortality rates
- Improve productivity

Enterit 4  
calves

Prevention, vaccine and  
therapy for calves

## Introduction

Calf diarrhea also known as scours is a major problem in dairy and beef productions because it can result in serious economic implications. Several pathogens are associated with calf diarrhea including bacteria, viruses and parasites.

Enterit 4 calves is a fast, reliable and easy-to-use method for the detection of the most common pathogens (Clostridium perfringens, Salmonella Dublin, Escherichia coli F5, Bovine rotavirus, Bovine coronavirus, Cryptosporidium parvum and Eimeria species) linked to calf diarrhea.

When you know the pathogens involved in the disease complex, it is easier to select the right prevention, vaccination and therapy. You will quickly and easily know which pathogens could be roaming around in your herds with the Enterit 4 Calves screening kit.

## Enterit 4 calves detect multiple pathogens

### 4 bacteria

- Clostridium perfringens
- Clostridium perfringens type B, C
- Salmonella Dublin
- Escherichia coli F5

### 2 viruses

- Bovine rotavirus
- Bovine coronavirus

### 2 parasites

- Cryptosporidium parvum
- Eimeria species

## What is qPCR testing?

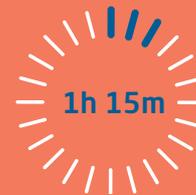
The quantitative polymerase chain reaction (qPCR) is a biochemical technology used to amplify a specific DNA target in a test tube. During amplification, fluorescent light is generated and monitored by the qPCR instrument. Today, qPCR is a common diagnostic technique and it is used for a wide variety of applications.

## Easy and fast workflow



DNA extraction

0.1 g feces sample is used for DNA/RNA extraction



RT

cDNA synthesis by reverse transcription



qPCR

Run Enterit 4 Calves program

## Catalogue numbers

E4CB, E4CV, E4CBV, E4CBC55, E4CVC55, E4CBVC55

For more info visit [www.dna-diagnostic.com](http://www.dna-diagnostic.com) or contact Tel +45 87 32 30 50 · [info@dna-diagnostic.com](mailto:info@dna-diagnostic.com)

# DNA DIAGNOSTIC

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**About us** DNA Diagnostic A/S is a Danish biotech company established in 1992. DNA Diagnostic develops and manufactures qPCR test kits for rapid identification of pathogenic microorganisms. DNA Diagnostic also makes CE-IVD kits for detecting leukemia related translocations. DNA Diagnostic is ISO 13485 certified.