

Fast + Simple
Focused on Veterinary Diagnostics

FASTest® *C. perfringens* ad us. vet.

Diarrhoea pathogen with high enterotoxigenic potential

Fast test for the detection of *C. perfringens* antigens in feces of kit, lamb, calf, foal and piglet

Fast aetiological diagnostics

Peracute to chronic diarrhoea

High mortality and lethality

Immediate initiation of specific therapy, quarantine and prophylaxis

Effective reduction of economic losses



- Simple test procedure with feces
- Fast test interpretation after 5 minutes
- Reliable clinical diagnostics
- Sensitivity 95.6% & Specificity 99%
- Storage at room temperature (15-25°C)
- Long shelf life
- Compact test box with 2 or 10 tests

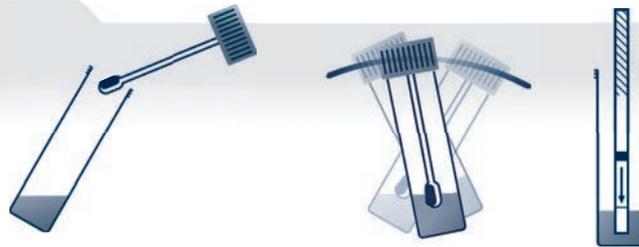
FASTest® *C. perfringens* ad us. vet.

The gram positive anaerobic bacterium *C. perfringens* belongs to the physiological intestinal flora of many mammals and is facultative pathogenic. Inconvenient endogeneous (other basic diseases, diarrhoea pathogens, antibiotic therapies with massive reduction of intestinal flora etc.) and exogeneous (farming conditions, extreme changes of the food, stress etc.) factors can lead to an increased pathogenicity of *C. perfringens*.

Next to its ability to form extremely infectious and stable spores, the formation of lethal toxins is crucial for its pathogenicity. The classification into the various types (A–E) is only due to the toxin formation. These toxins can cause extremely variable (mild to lethal progression forms) failures of the intestinal water and electrolyte balance in the different species like goat, sheep (e. g. dysentery of lambs: type B; pulpy kidney disease: type D), cattle (haemorrhagic enteritis: type A–E), foal (haemorrhagic necrotising enteritis: type A & C) and piglet (e. g. serous-catarrhal enteritis: type A, necrotising enteritis: type C). Main symptom is extreme and therapy resistant diarrhoea with liquid-stinking feces with blood, later fibrin additions. Often, only an inflated abdomen can be present in acute cases. Because an antibiotic treatment without aetiological detection is contraindicated, a fast and safe diagnostics is mandatory.

By its high sensitivity and specificity, the use of **FASTest® *C. perfringens*** allows the veterinarian a rapid aetiological on-site diagnosis of a *C. perfringens* infection, the quick initiation of therapy as well as of necessary quarantine and prophylaxis measures.

Test procedure



Test interpretation



POSITIVE



NEGATIVE



Diarrhoea can have other reasons, too. Therefore, for diarrhoea symptoms it is generally advisable to use the species specific parallel tests **FASTest® BCV Strip**, **FASTest® CRYPTO Strip**, **FASTest® CRYPTO-ROTA D2T**, **FASTest® D4T bovine**, **FASTest® E.coli-K99 Strip**, **FASTest® ROTA Strip** or **FASTest® GIARDIA Strip**.

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Distribution:

