CREATIVE BIOMART®
Assay Kit

Canine Parasite Triple Nucleic Acid Detection Kit (*Giardia*, *Cryptosporidium* & *Trichomonas foetus*)

Product Information

Product Overview

Multiplex Nucleic Acid Detection Kits for Dogs

Description

Giardia and Cryptosporidium can cause gastrointestinal diseases in dogs, while Trichomonas foetus may lead to reproductive issues in both male and female dogs. These parasites are typically transmitted through contaminated water or feces and are commonly diagnosed via fecal testing.
Giardia infection is one of the most common parasitic infections in dogs. It is caused by the protozoan parasite Giardia duodenalis, which can be found in contaminated water, food, or soil. Dogs can become infected by ingesting the parasite, resulting in diarrhea, vomiting, and weight loss. Diagnosis is typically confirmed through fecal examination.
Cryptosporidium is a protozoan parasite that can infect dogs and cause diarrhea, vomiting, and dehydration. It is transmitted via contact with contaminated feces or water and can also be zoonotic, meaning it may spread from animals to humans. Diagnosis in dogs is usually based on fecal testing.
Trichomonas foetus is a protozoan parasite that can infect dogs and cause reproductive issues, including vaginitis, prostatitis, and infertility. It is most commonly transmitted through sexual contact or passed from an infected mother to her puppies during birth. Diagnosis typically involves a combination of clinical signs, fecal testing, and cytological examination of vaginal or prostatic samples.

Size

4 tests/box

Applications

• For detection in anal swabs and fecal samples.
• Fecal samples should be briefly centrifuged to pellet debris.
• Suitable for qualitative detection of Giardia, Cryptosporidium, Trichomonas foetus, and canine β-actin DNA.

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Assay time

<1h 30m

Technical Notes

Canine internal control: β-actin DNA

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