

Rapid Test Kit Giardia Ag

Anigen Rapid Giardia Ag Test Kit is an immunochromatographic test for the qualitative determination of Giardia lamblia in feces samples from dogs and cats.



Background

Giardia is a diarrhea causative protozoa infecting the small intestine of dogs and cats, and one of the most important pathogenic intestinal protozoa found in these animals. Young puppies tend to be highly infected especially in group breeding situations. No specific signs are seen in adult dogs and cats, but puppies and kittens show watery or foamy diarrhea with a bad smell due to malabsorption in the intestine. Usually, Giardiasis is diagnosed by finding cysts or trophozoites by fecal microscopy, but it has very low sensitivity.

The Anigen Rapid Giardia Ag Test Kit enables detection of vegetative stages and cysts of giardia lamblia that are not detectable by microscopy.



Specification

- Principle: Immunochromatographic assay
- Reading time: 5~10 minutes
- Storage temperature: Room temperature (2~30 °C)
- Specimens: Diarrhea feces
- Shelf life: 24 months
- Packing size: 10Tests/Kit
- Detection limit : 125 cysts / 100 μ l of feces
- CAT. No: RG18-04

[Sensitivity and Specificity Study]

		Other commercial rapid kit		
		Positive	Negative	Total
Anigen	Positive	50	0	50
	Negative	0	150	150
	Total	50	150	200

- Sensitivity : 100% Vs. Other commercial rapid kit
- Specificity : 100% Vs. Other commercial rapid kit

Special Features

- High sensitivity and specificity
- No cross reaction with other pathogens of enteric disease
- Good differential diagnostic method for diarrhea causative agents
 - ➔ Excellent tool for prognosis
- Good detection limit
- Able to detect the pathogen in both dogs and cats
- Rapid test result within 10 minutes
- One step testing procedure : Easy to use, saving time and labor

[Cross Reaction Study]

Pathogen	Titer	Results
Canine Parvovirus	10 ⁷ EID ₅₀ /ml	Negative
Canine Distemper virus	10 ^{4.5} EID ₅₀ /ml	Negative
Canine Corona virus	10 ⁶ EID ₅₀ /ml	Negative
Canine Hepatitis virus	10 ⁵ EID ₅₀ /ml	Negative

- No cross reaction with other pathogens

Test procedures

