

# Anigen Rapid CPV/CCV/Giardia Ag

CPV : Canine Parvovirus

CCV: Canine Coronavirus

Giardia: *G. duodenalis*

## Why test CPV/CCV/Giardia together?

### • Severity of Coinfection<sup>1,2</sup>

- ▶ There is a significant association between CCV-CPV coinfection and severe clinical signs. (Table 1)
- ▶ In cases of severe enteritis involving dual infections with viruses and protozoa, coinfection by CPV and *Giardia spp.* was the most prevalent.

Table-1: Association of pathogens with severity of disease using weighed clinical score system.

Clinical signs	CPV	CCV	CCV + CPV <sup>a</sup>
Severe	20%	5%	79%
Moderate	30%	59%	14%
Mild	50%	36%	7%

<sup>a</sup> Created CCV-CPV coinfection table based on the content of the paper<sup>1</sup>

### • Importance of differential diagnosis

- ▶ Infectious diarrhea can result from bacterial, viral, or protozoan infections, or a combination of these.
- ▶ These infections often present with similar clinical signs but require different treatments.



## Specification

- ▶ Species : Dog
- ▶ Sample : Feces
- ▶ Testing Time : 5 ~ 10 minutes
- ▶ Special Features :
  - Simultaneous detection of CPV, CCV and Giardia Ag
  - One-step testing procedure
  - Accurate results



### Reference:

1) Duijvestijn M et al. Enteropathogen infections in canine puppies: (Co-)occurrence, clinical relevance and risk factors. Vet Microbiol. 2016 Nov 15. 2) Mortari et al. (2024). Severe enteritis in dogs associated with single and mixed infections. SciELO journals.



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