

# VDRG® CPV Ag Rapid Kit



## Canine Parvo Virus

Canine parvovirus is a highly contagious virus that can affect all dogs, but unvaccinated dogs and puppies younger than four months old are the most at risk. The virus affects dogs' gastrointestinal tracts and is spread by direct dog-to-dog contact and contact with contaminated feces (stool), environments, or people.

This test kit, the diagnostic reagent can detect CPV antigens quickly and simply within 10 minutes after dropping the samples.

## Introduction

- + **Intended use** : Detection of Canine Parvovirus antigen
- + **Principle** : Immunochromatographic assay
- + **Specimen** : Canine feces
- + **Component**
  - CPV Ag Rapid device
  - Sample dilution buffer
  - Swabs
  - Dropper



## Features

- + No cross-reactivity with infectious pathogens which could in dogs.
- + CPV 2, CPV 2a, CPV 2b diagnosis possible
- + Limit of Detection :  $5 \times 10^3$  TCID<sub>50</sub>/mL
- + Clinical Sensitivity & Specificity vs PCR

	PCR		
	+	-	Total
VDRG® CPV Ag	101	0	101
	2	214	216
<b>Total</b>	<b>103</b>	<b>214</b>	<b>317</b>
<b>Result</b>	Sensitivity : 98.1% Specificity : 100%		

## Test Procedure

- 1** Collect the fecal sample from the stool or rectum using the sample collection swab.
- 2** Put the sample into the container that contains sample dilution buffer and stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.
- 3** Place the tube upright until the large particles go down (20sec).
- 4** Take the supernatant of sample solution using dropper, and then add 4 drops into the sample hole on the test device.
- 5** Read test results after 10 minutes.

Cat No.	Product Name	Quantity
PC-CPV-11	VDRG® CPV Ag Rapid Kit	10 Tests/Box