

# Canine Parvo-Distemper Virus Antibody Rapid Test (CPV-CDV Ab)

Catalog No.: JCA029D

## INTENDED USE

The Canine Parvo-Distemper Virus Antibody Rapid Test is a lateral flow immunochromatographic assay for the semi-quantitative detection of Canine Parvo and Distemper Virus Antibody (CDV Ab) in dog's serum or plasma.

Assay Time: 10 minutes

Specimen: serum or plasma.

## ✧ PRINCIPLE

The Canine Parvo-Distemper Virus Antibody Rapid Test is based on sandwich lateral flow immunochromatographic assay.

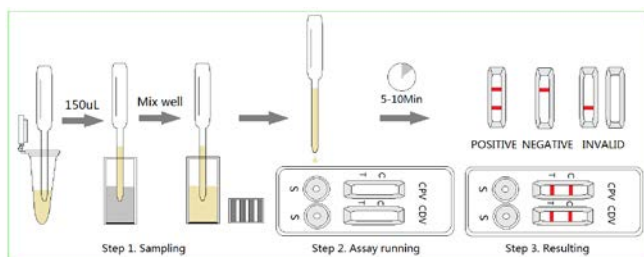
## ✧ REAGENTS AND MATERIALS

- Test devices
- Disposable droppers
- Assay buffer (0.3mL each bottle, X10)
- Products Manual

## ✧ STORAGE AND STABILITY

The kit can be stored at room temperature (4-30°C). The test kit is stable through the expiration date (24 months) marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

## ✧ TEST PROCEDURE



- Allow all materials, including specimen and test device, recover to 15-25°C before running the assay.
- Take out the test device from the foil pouch and place it horizontally.
- Place 3 drops (or 150 µ L) of serum specimen into one assay buffer bottle and mix them.
- Drop 3 drops of the diluted specimen into the sample hole "S" of the test device.
- Interpret the result in 10 minutes. Result after 15 minutes is considered as invalid.

## ✧ INTERPRETATION OF RESULTS

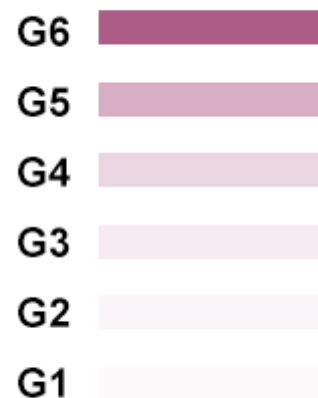
The presence of "C" line indicates a valid result. Read the result by comparing the color intensity of the "T" line with the standard color reference scale (from "G1" to "G6").

The H.I. titers of canine parvo virus antibodies are corresponding with the color intensity grades.

G1 < 1:40	G2 = 1:40	G3 = 1:80
G4 = 1:160	G5 = 1:320	G6 > 1:640

The V.N. titers of canine distemper antibodies are corresponding with the color intensity grades.

G1 < 1:8	G2 = 1:16	G3 = 1:32
G4 = 1:64	G5 = 1:128	G6 > 1:256



- Positive (+): The presence of both "C" line and zone "T" line. T line at G3 is considered as standard positive. T line < G3, is weak positive and indicates low CPV or CDV antibody level. T line around G4-G5, is strong positive. T line > G6, is very strong positive, indicates a contact with virus recently or in infection.
- Negative (-): Clear C line appears. No T line, or T line is weaker than G1. It indicates very low CPV or CDV titer. Failed immunization may happen.
- Invalid: No colored line appears in C zone.

## ✧ PRECAUTIONS

- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not use the test beyond its expiration date.
- The components in this kit have been quality control

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tested as standard batch unit. Do not mix components from different lot numbers.

- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local states.

✧ **LIMITATION**

Canine Parvo-Distemper Virus Antibody Rapid Test is for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian.



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