

## Instructions for Use

Version: 2.0.2  
Revision date: 15-Jan-22



# Canine Parvovirus Antigen Rapid Test Kit

**Catalog No.:** abx092032

**Size:** 40 tests

**Storage:** Store all reagents at 2-30 °C. Keep dry.

**Application:** For qualitative detection of Canine Parvovirus Antigen in Dog stool, rectal secretion, vomitus or saliva.

### Introduction and assay principle

Abbexa's Canine Parvovirus Antigen Rapid Test Kit is a qualitative lateral flow immunochromatographic assay for the detection of Canine Parvovirus (CPV) Antigen in dog (canine) samples. The cassette contains a colloidal gold conjugated antibody against CPV, which combines with any CPV antigen present in the samples. The complex binds with the antibody coated on the test region of the cassette. A colored band develops within 10 minutes in the test region if the concentration of CPV antigen in the sample is higher than the detection limit. A control region on the upper end of the cassette confirms if the test has been successful.

#### Kit Components

- Test cassettes with pipettes: 40
- Sample diluent: 40 vials
- Cotton swabs: 40

#### Material Required But Not Provided

- Timer

### Sample preparation

- Collect the sample (stool, rectal secretion, vomitus or saliva) using a cotton swab. Immediately insert the cotton swab into a tube containing Sample Diluent. Stir until the sample has completely dissolved. Wipe the swab against the inside of the tube, then discard the swab. Allow the mixture to stand.
- **Note:** Do not use excessive quantities of stool samples as this may lead to black bands forming in the test result window, which will cause an invalid result.

### Assay procedure

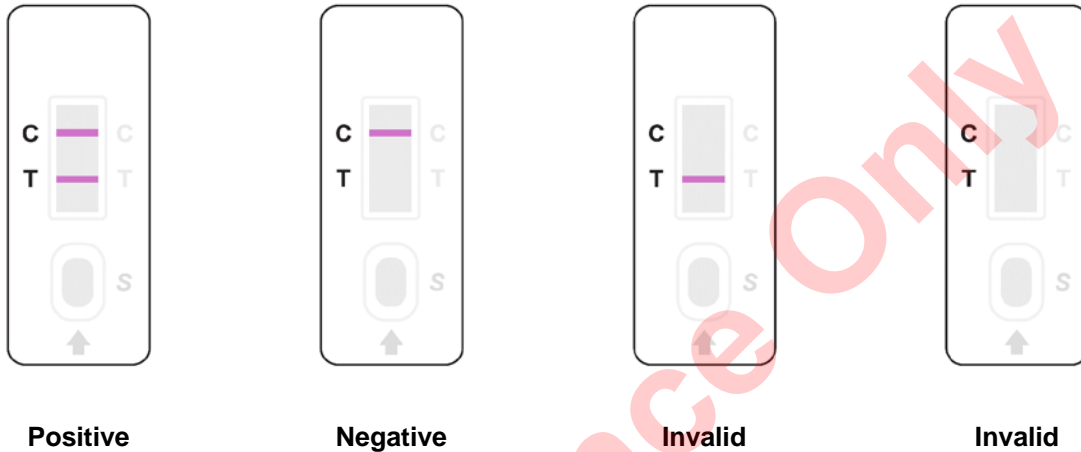
1. Take a test cassette and lay it flat on a clean table. Using the provided pipette, add 2-3 drops (approximately 60 µl) of prepared sample to the sample well on the test cassette. Avoid touching the membrane in the middle of the sample well, and avoid foaming.
2. Leave at room temperature for 5-10 min, then analyze the result. The result is invalid if read after 30 min.

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### Results analysis

- **Negative result:** A line is observed in the control (C) section but not the test (T) section.
- **Positive result:** A line is observed in both the control (C) section and the test (T) section.
- **Invalid result:** No line is observed in the control (C) section.



### Notes

1. The test cassettes and reagents should be brought to room temperature for at least 30 minutes before use.
2. After opening the aluminum foil, use the test cassette as soon as possible.
3. Samples should be clear with no visible particles, turbidity or bacterial pollution.
4. Do not mix or re-use the disposable pipettes to avoid cross-contamination.
5. Do not use water, PBS or serum from other animals as the negative control.
6. Avoid touching the cassette membrane through the sample well or test result window.
7. This kit is for qualitative detection of CPV antigen in dog (canine) samples.
8. Samples from animals taken 3-10 days after being vaccinated against CPV may show a positive result, as attenuated CPV vaccines can cause CPV antigen concentrations to increase in animals.
9. Samples from animals treated with monoclonal antibodies may exhibit false-positive results, as these animals generate anti-monoclonal antibodies which may interfere with the assay.
10. This kit is for research use only and the results are for reference only. It is recommended to use this kit in conjunction with another detection method.