

Canine Parvovirus (CPV) Ag Rapid Test Card

Product Number: JW-C11281

Product Unit: 10T

for research, professional and laboratory use only

1. Precaution

- a) The intended use of this kit is for CPV antigen detection in fresh canine faeces.
- b) Upon opening the kit, check the kit carefully and read the instructions. Ensure that you have the correct kit and instructions as only a valid kit can be used for testing. If any damage or leakage is found, please contact your vendor for a replacement kit. Do not use this kit for testing unless advised to do so by the vendor.
- c) All samples collected may be contagious, please handle carefully according to local laws and regulations. Used test kits and tested samples should be handled carefully to avoid further contamination.
- d) The test cassette, the buffer and swab should be used within 5 minutes of opening the foil package. Do not open it without intending to use it immediately.
- e) Do not use components from other sources, as the results will not be valid. The kit is designed for single use only, do not use it repeatedly.

2. Principle and application

The kit is based on sandwich immunochromatographic assay to detect canine parvovirus (CPV) antigen in fresh canine faeces, which is rapid, accurate and easy-to-operate.

3. Kit Components

- a) Test Cassette, 10 pcs,
- b) Swabs, 10 pcs,
- c) Sample buffer, 10 pcs,
- d) Disposable pipette, 10 pcs,
- e) Kit instruction, 1 pc

4. Test Steps

- a) Check the contents of the kit and make sure that the kit is at room temperature (15-30 °C) before testing.
- b) Open the sample buffer tube.
- c) Place the sample buffer tube carefully onto a flat surface.
- d) Use the swab supplied to collect a sample from canine fresh faeces. Put the swab with the collected sample into the buffer tube. As shown in the following diagram. Incorrect amounts of the sample on the swab may cause false results.

R202009 1 / 2



- e) Rotate the swab more than 10 times.
- f) Close the cap of the buffer tube and shake the tube gently to ensure the sample is evenly mixed.
- g) Take the test device out of the aluminum foil bag, and place it on a clean and flat table. Add three drops (about 90 μl) of specimen(mixed sample) vertically into the specimen well (S) of the test device.
- h) Read the results at 5-10 minutes.

Note: Results over 15minutes will be invalid.

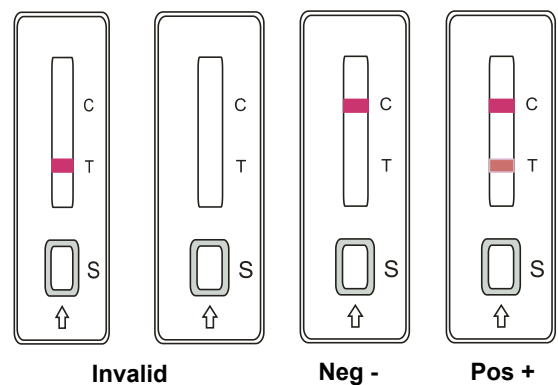
5. Result interpretation

There are 2 lines on the cassette, Control Line (Line C) and Test Line (Line T). Line C is used for quality control.

INVALID Line C is invisible, please run the test again with a new cassette.

NEGATIVE Only Line C is visible, Line T is not visible.

POSITIVE Line C and Line T are both visible.



6. Sensitivity and specificity

The kit is 98.00% sensitive to CPV antigen, the specificity is 97.33%,total agreement is 98.33%.
The kit does NOT detect antigens of CDV, Rabies, CCV, CPIV, CAV etc.

7. Limitation of the methodology

- The kit is for screening purposes and on-site testing. Positive results should be further confirmed by PCR and/or other official methodologies. Diagnosis of CPV shall be determined by the vet, considering both clinical symptoms and laboratory tests.
- Negative results indicate that CPV antigen was not detected in the tested sample, but if acute symptoms were observed, we cannot exclude the possibility of CPV infection.
- As the CPV vaccine is attenuated, the test card may give a false positive result under this condition, but this phenomenon will disappear after vaccination (3-10 days). In addition, those animals treated with monoclonal antibodies will generate corresponding secondary antibodies, so a false positive result is possible in this condition.

8. Storage and validity

The kit is valid for 24 months when stored at 2-30°C in a dry and dark place. Do not freeze. Avoid direct sunlight. Production date and expiry information are printed on the package.