

## Canine Parvovirus (CPV) Ag Rapid Test Card

**Product Number:** C11281

**Product Unit:** 15T

For veterinary use only

### 1. Precaution

- a) This kit is designed for CPV antigen detection in feces; make sure you are fully aware of the intended use.
- b) Check the kit package carefully and read this instruction through to confirm the validity of the kit, and the appearance of the package. Only valid kit can be used.
- c) If any damage or leakage were found, please contact your vendor for replacement. Do not use in test unless otherwise agreed by the vendor.
- d) All samples collected may be contagious, please handle carefully according to local laws and regulations. Used test kit and tested sample shall be handle carefully to avoid further contamination.
- e) The test cassette, the buffer and swab shall be used within 5min after opening the foil package. Do not open it without planned experiment.
- f) Do not use component from other sources, otherwise the result is not valid.
- g) The kit is designed for single use, do not use repeatedly.

### 2. Principle and application

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

### 3. Kit Components

- a) Test Cassette, 15 pcs,
- b) Swabs, 15 pcs,
- c) Sample buffer, 15 pcs,
- d) Disposable pipette, 15 pcs,
- e) Kit instruction, 1 pc

### 4. Test Steps

- a) Collect feces samples with swab, insert it into the sample buffer, mix fully, then wait 1 minute.
- b) Take the needed test cassette, plastic pipette.
- c) Take the supernate with plastic pipette provided in the kit
- d) Add 4-5 drops into the sample well on the test card.
- e) Wait for 5-10 minutes, then observe the results.

**Note:** Result over 30min will be invalid.

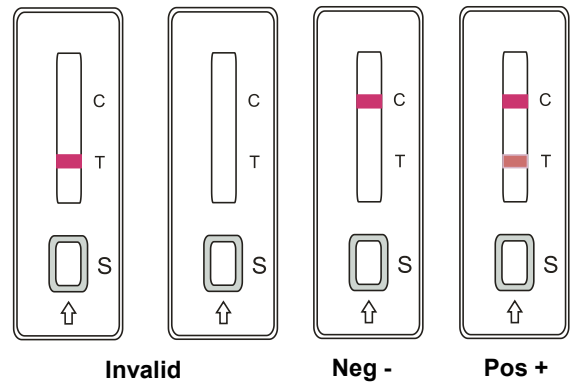
## 5. Result interpretation

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 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 95% sensitive to CPV antigen, the specificity is 100%.

The kit does NOT detect antigens of CDV, Rabies, CCV, CPIV, CAV etc.

## 7. Limitation of the methodology

- The kit is for screening purpose and on-site test. Positive result shall be further confirmed by PCR and/or other official methodologies. Diagnosis of CPV shall be determined by the vet, considering both clinical symptom and laboratory test.
- Negative result indicates that there are not CPV antigen in the tested sample, but if acute symptom were observed, we cannot exclude the possibility of CPV infection.
- CPV vaccine is a kind of attenuated vaccine, the test card maybe gives a false positive result under this condition, but this phenomenon will disappear after vaccination (3-10 days). In addition, those animals treated with monoclonal antibody will generate corresponding secondary antibody, so false positive result is possible in this condition.

## 8. Storage and validity

The kit is valid for 12 months when stored at 2-30°C in dry and dark place. Do not freeze. Avoid direct sunlight. Production date and expiry information are printed on the package.