

# Canine Distemper Virus Ag Test

Cat No.: W81005

## 1. INTENDED USE

The Canine Distemper Virus Ag Test is a sandwich lateral flow immunochromatographic assay for the qualitative detection of canine Distemper virus (CDV Ag) in dog's secretions or serum.

**Assay Time:** 5 - 10 min

**Sample:** Secretions or serum

## 2. PRINCIPLE OF THE ASSAY

The Canine Distemper Virus Ag Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window. The testing window has an invisible T (test) zone and C (control) zone. When sample is applied into the sample hole on the device, the liquid will laterally flow on the surface of the test strip. If there is enough Distemper antigen in the sample, a visible T band will appear. The C band should always appear after a sample is applied, indicating a valid result. By this means, the device can accurately indicate the presence of Canine Distemper antigen in the sample.

## 3. KIT COMPONENT

- Foil pouch containing test cassette, pipette and desiccant
- 0.7mL assay buffer tube
- Swab stick
- Instructions for use

## 4. TEST PROCEDURE

- You can use either an ocular (eye) or nasal sample.
- To collect a dog's ocular(eye) secretions you need to gently rub the cotton swab along the inside of the lower eyelid, making sure the swab is sufficiently wet:

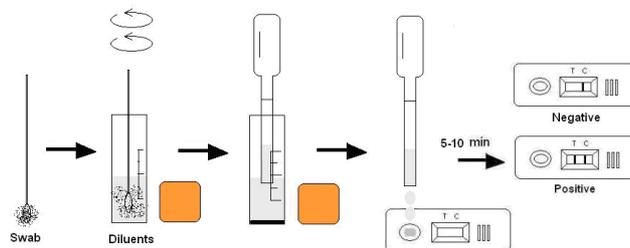


- To collect a dog's nasal secretions, gently rub the cotton swab around the inside of the nostril, making sure the swab is sufficiently wet. Do not insert the swab further than 1cm:



- Unscrew the cap from the provided assay buffer tube and insert the wet swab. Agitate it to assure good sample extraction.

- If using serum sample, please do a dilution of 1:2 with the provided assay buffer.
- Take out the cassette and pipette from the foil pouch and place it horizontally.
- Use the pipette to extract solution from the assay tube and transfer 3 drops of solution into the elliptical sample hole on the test cassette.
- Interpret the result between 5 - 10 minutes. Results read after 10 minutes may be considered invalid.

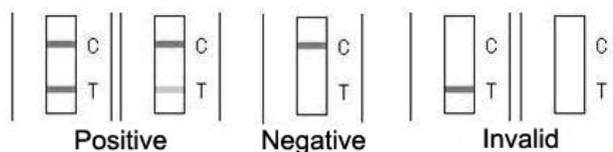


## 5. INTERPRETATION OF RESULTS

**Positive:** The presence of both C band and T band indicates a positive result, no matter how faint the T band appears.

**Negative:** Only C band appears.

**Invalid:** No colored band appears in C zone, no matter whether T band appears.



## 6. STORAGE

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the foil pouch. **DO NOT FREEZE.** Do not store the test kit in direct sunlight.

## 7. PRECAUTIONS

- For best results, please strictly adhere to these instructions.
- 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 reuse the test kit.
- Do not use the test beyond its expiration date marked on the foil pouch.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- The best time to test is during the shedding phase and/or when the symptoms first appear. If tested outside this time, there is a chance of getting a false negative result.

## 8. LIMITATION

The Canine Distemper Virus Ag Test is for in vitro veterinary diagnosis use only. All results should be considered with other clinical information available from veterinarian. For an accurate result, it is suggested to apply other method such as PCR for final determination in practice.