



Canine Distemper Virus Ag Test (CDV Ag)



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Canine Distemper Virus Ag Test (CDV Ag)

1. INTENDED USE

BioSmart Canine Distemper Virus Ag Test is rapid and qualitative immunochromatographic assay for the qualitative detection of canine distemper virus Ag Test (CDV Ag) in dog's secretions

Assay Time: 10 - 15 min

Sample: Secretions

2. PRINCIPLE OF THE ASSAY

BioSmart Canine Distemper Virus Ag Test

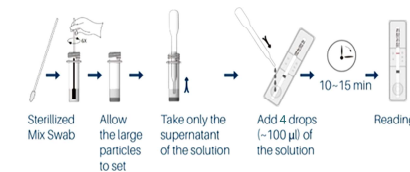
is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window. The testing window has an invisible T (test) zone and C (control) zone.

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

- 10×foil pouches, each containing a cassette, pipette and desiccant
- 10×assay buffer tubes (1 ml each)
- 10×swab sticks
- Product Manual

4. TEST PROCEDURE



- Place all specimens, test devices, and allow them to room temperature prior to testing
- Collect dog's ocular and nasal secretions with the swab stick. Make the swab wet sufficiently.
- Insert the wet swab into the provided assay buffer tube. Agitate it to assure good sample extraction (about 15 seconds)
- Leave the solution for ~30 seconds to sink large particles completely.
- Take out the cassette from the

foil pouch and place it horizontally.

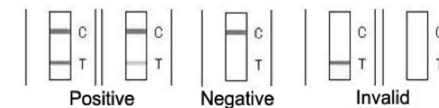
- Gradually drip 4 drops(100 µl) of sample extraction into the sample hole.
- Interpret the result in 10 - 15 minutes. Result after 20 minutes is considered as invalid.

5. INTERPRETATION OF RESULTS

Positive: The presence of both C band and T band, no matter T band is clear or vague.

Negative: Only clear 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 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.

8. LIMITATION

BioSmart 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.