

ONE STEP Canine Distemper virus Antigen and Canine Influenza virus Antigen Test

For veterinary diagnostic use only

Anigen Rapid CDV/CIV Ag Test Kit

Principles

Anigen Rapid CDV/CIV Ag Test Kit is a solid phase chromatographic immunoassay for the quantitative detection of canine distemper virus antigen in conjunctiva, urine, serum or plasma and canine influenza virus antigen in canine pharyngeal or nasal swab.

Anigen Rapid CDV/CIV Ag Test Kit shows two letters which are test(T) line and control(C) line on the surface of device. Test line and control line in the result window are not visible before applying any samples. The control line is a reference line which indicates the test is performing properly. The control line has to appear every time when the test has performed. If CDV antigen and/or CIV antigen are(is) present in sample, a purple test line would appear in the result window.

The highly selective antibodies to CDV and CIV are used as a capture and detector in the assay. These antibodies are capable of detecting CDV and CIV antigen in canine samples with a high accuracy.

Materials provided (10Tests/Kit)

- 1) Ten(10) Anigen Rapid CDV/CIV Ag Test devices
- 2) Ten(10) Assay diluents tube for CDV Ag (CD)
- 3) Ten(10) Assay diluents tube for CIV Ag (CI)
- 4) Twenty(20) Disposable droppers
- 5) Twenty(20) Disposable swabs
- 6) One(1) Instructions for use

Materials required, but not provided

- 1) Timer

Precautions

- 1) The test Kit is for canine use only. Do not apply to other animals..
- 2) The test device is sensitive to humidity as well as heat. Perform the test immediately after removing the test device from the foil pouch.
- 3) Do not re-use the test components.
- 4) Apply the sample using disposable dropper vertically.
- 5) Do not touch the membrane in the result window of test device.
- 6) Do not use the test kit beyond the stated expiration date marked on the package label.
- 7) Do not use the test kit if the pouch is damaged or the seal is broken.
- 8) Do not mix components from different lot numbers because the components in this kit have been quality control tested as standard batch unit.
- 9) All samples should be handled as being potentially infectious. Wear protective gloves while handling samples. Wash hands thoroughly afterwards.
- 10) Decontaminate and dispose of all samples, used kits and potentially contaminated materials safely in accordance with national and local regulations.

Storage and Stability

- 1) Store the test kit at 2~30°C. **DO NOT FREEZE.**
- 2) Do not store the test kit in the direct sunlight.
- 3) The test kit is stable within the expiration date that marked on the package label.

Collection and Preparation of Sample

- 1) Canine conjunctiva swab, urine swab, serum or plasma should be used for CDV Ag Test.
- 2) Canine pharyngeal or nasal swab should be used for CIV Ag Test.
- 3) The sample should be tested immediately after collection.
- 4) If samples are not immediately tested, they should be stored at 2~8°C. For longer storage, freeze at -20°C or below. Frozen samples should be brought to room temperature (15~30°C) prior to use.

Procedure of the Test

- 1) All reagents and samples must be at room temperature (15~30°C) before use.

[Collect CDV Ag sample]

- 2) Conjunctiva or urine swab: Collect the samples using a swab.
- 3) Serum or plasma: Collect samples using a dropper. Add 2~3 drops of the sample into the assay diluents tube.

[Collect CIV Ag sample]

- 4) Pharyngeal or nasal swab: Collect the samples using a swab.

- 5) Insert the swab into the each assay diluents tube and mix the swab or sample for 10 seconds.

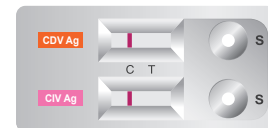
*NOTE: Use correct assay diluents. "CD" is for CDV Ag Test and "CI" is for CIV Ag Test.

- 6) Wait for 1 minute to settle down the large particles.
- 7) Remove the test device from the foil pouch, and place it on a flat and dry surface.
- 8) Using a disposable dropper, take supernatant sample in each tube.
*NOTE: Use different disposable droppers for each sample.
- 9) Add 4 drops of each sample into the each sample hole, drop by drop vertically.
- 10) Start the timer. The sample will flow across the result window. If it does not appear after 1 minute, add one more drop of mixed sample to the sample hole.
- 11) Interpret test results at 5~10 minutes. Do not read the result after 20 minutes.

Interpretation of the Result

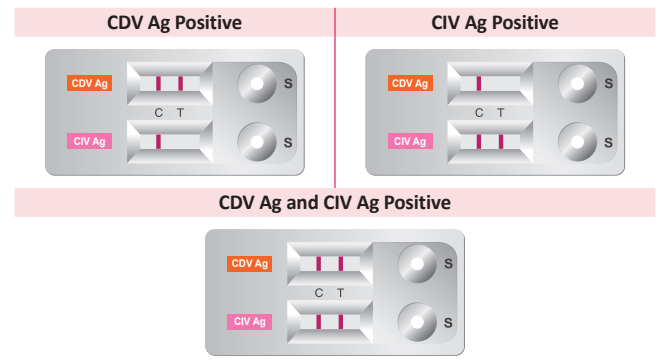
1) Negative result

Only control("C") line appears in the result window.



2) Positive result

Test ("T") line and control ("C") line within the result window indicates the presence of CDV And/or CIV antigen.



3) Invalid Result

If the control ("C") line does not appear, the result might be considered invalid. The sample should be re-tested.



Limitations of the Test

- 1) Although Anigen Rapid CDV/CIV Ag Test Kit is very accurate in detecting CDV Ag and CIV Ag, a low incidence of false results can be occurred. Other clinically and/or laboratory tests might be required if questionable results are obtained. As other diagnostic tests, a definitive clinical diagnosis should not be based on the result of a single test, but should be diagnosed by the veterinarian after all clinical and laboratory findings have been evaluated.
- 2) The reading window may show a light pink background coloration; this will not affect the accuracy of the results.
- 3) BioNote and its distributors cannot be held responsible for the consequences of misuse or misinterpretation of the results given by the test.

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