

CDV Ag Rapid Test (Cassette)

The Rapid CDV Ag Test Kit is chromatographic immunoassay for the qualitative detection of Canine Distemper virus antigen in conjunctiva, urine, serum or plasma.

PRINCIPLES

The Rapid Canine Distemper virus Ag Test Kit has a letter of “T” and “C” as test line and control line on the surface of the device. Both the test line and control line in result window are not visible before applying any samples. The control line is used for procedural control. Control line should be always appeared. If the test procedure is performed properly and the test reagents of control line are working. A purple test will be visible in the specimen.

The specially selected Canine Distemper virus antibodies are used in test band as both capture and detector materials. These enable the Rapid CDV Ag Test Kit to identify Canine Distemper virus antigen in conjunctiva, urine, serum or plasma with a high degree of accuracy.

MATERIALS PROVIDED

- 1) Rapid CDV Ag Test Kits
- 2) Specimen tubes containing assay diluent buffer
- 3) Sample collection swabs
- 4) Disposable droppers
- 5) Instruction for use

PRECAUTIONS

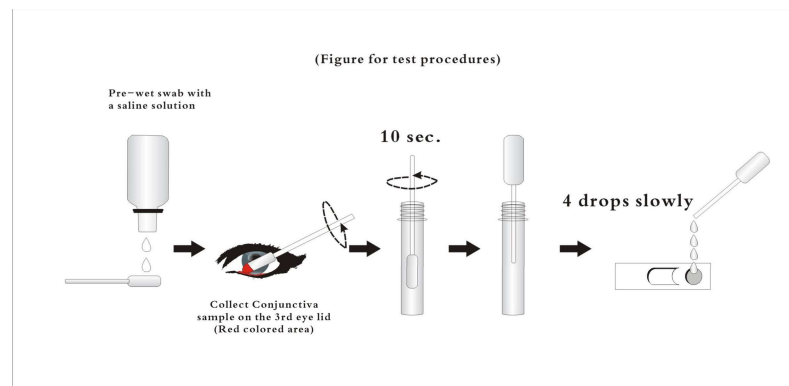
- 1) For veterinary diagnostic use only
- 2) For best results, strict adherence to these instructions is required.
- 3) All specimens should be handled as being potentially infectious.
- 4) Do not open or remove test kit from their individually sealed pouches until immediately before their use.
- 5) Do not use the test kit if the pouch is damaged or the seal is broken.
- 6) Do not reuse test kit.
- 7) All reagents must be at room temperature before running the assay.
- 8) Do not use reagents beyond the stated expiration date marked on the label.
- 9) The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.

STORAGE AND STABILITY

The kit can be stored at room temperature (2~30°C) or refrigerated. The test kit is stable through the expiration date marked on the package label. **DO NOT FREEZE.** Do not store

the test kit in direct sunlight.

SPECIMEN COLLECTION AND PREPARATION

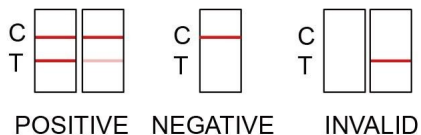


- 1) The test should be performed the conjunctiva, urine, serum or plasma.
- 2) After collecting the specimen using swab, the specimen should be immediately extracted and tested.
- 3) If specimens are not immediately tested, they should be refrigerated at 2~8°C. For storage not less than 48 hours, freeze the specimen at -20°C or below.

PROCEDURE

- 1) Collect the samples from conjunctiva or urine using the sample collection swab pre-wetted with saline solution.
- 2) Insert the swab into the specimen tube containing assay diluent. In case of serum or plasma samples, add 2-3 drops of the serum or plasma into the specimen tube containing assay diluent using the dropper.
- 3) Mix the swab samples with assay diluent to extract well.
- 4) Remove the test device from the foil pouch, and place it on a flat and dry surface.
- 5) Add four (4) drops of the mixed sample into the sample hole using the dropper, drop by drop and solely.
- 6) As the test begins to work, you will see purple color move across the result window in the center of the test device. If the migration has not appeared after 1 min, add one more drop of the mixed sample to the sample well.
- 7) Interpret test results at 5-10 min.

INTERPRETATION



A color band will appear in the upper section of the result window to show that the test is working properly. This band is the control band. The lower section of the result window indicates the test results. If another color band appears in the lower section of result window. This band is test band.

1) Negative result

The presence of only one band within the result window indicates a negative result.

2) Positive result

The presence of two color bands ("T" and "C") within the result window, no matter which band appears first indicate a positive result.

3) Invalid result

If the purple color band is not visible within the result window after performing the test, the result is considered invalid. The directions may not have been followed correctly or the test may have deteriorated. It is recommended that the specimen be re-tested.

LIMITATIONS

Although the Rapid Canine Distemper virus Ag Test kit is very accurate in detecting Canine Distemper virus antigen, a low incidence of false results can occur. Other clinically available tests are required if questionable results are obtained. As with all diagnostic tests, a definitive clinical diagnosis should not be based on the result of a single test, but should only be made by the veterinarian after all clinical and laboratory findings have been evaluated.



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