

Anigen Rapid CIV Ag Test Kit

■ Principles

Canine influenza is a newly recognized infectious disease in dogs. This virus is similar to a well-known influenza virus that causes disease in horse. It is different from the human flu and avian influenza virus. The incubation period is 2~5 days after exposure. Infected dog may shed virus for 7~10 days from the onset of clinical signs of canine influenza virus.

Anigen Rapid Canine Influenza Virus Antigen Test Kit is a chromatographic immunoassay for the qualitative detection of Canine influenza virus H3 strain antigen in a canine pharyngeal swab or nasal swab.

Anigen Rapid Canine Influenza Virus Antigen Test Kit has a letter of "T" as **test line** and "C" as **control line** on the surface of the device. The test line and the 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 line respectively will be visible in the result window if there is enough canine influenza virus antigen in the canine pharyngeal swab or nasal swab.

The specially selected canine influenza virus antibodies are used in test band as both capture and detector materials. These enable the **Anigen Rapid Canine Influenza Virus Antigen Test Kit** to identify the canine influenza virus H3 strain antigen in canine samples with a high degree of accuracy.

■ Materials provided

- 1) Anigen Rapid Canine Influenza Virus Antigen Test Devices x 10
- 2) Sample collection tubes containing 0.5ml of assay diluent x 10
- 3) Sample collection swabs x 10
- 4) Disposable droppers x 10
- 5) Instruction for use x 1

■ Precautions

- 1) For veterinary use only.
- 2) For best results, strict adherence to these instructions is required.
- 3) All Samples 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 package label.
- 9) Do not mix components from different lot numbers because the components in this kit have been quality control tested as standard batch unit.

■ 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.

■ Sample Collection and Preparation

- 1) Canine pharyngeal swab or nasal swab should be used with this test.
- 2) If the samples are not immediately tested, they should be refrigerated at 2~8°C. For storage not less than 48hours, freeze the Sample at -20°C or below.

■ Procedure of the test

- 1) Collect pharyngeal swab or nasal swab with the sample collection swab.
- 2) Insert the swab into the sample collection tube containing assay diluent.
- 3) Mix the swab until the sample has been dissolved into the assay diluent.
- 4) Leave the tube until the large particles have settled down to the bottom of the tube. (Approximately 1 minute)
- 5) Remove the test device from the foil pouch, and place it on a flat and dry surface.
- 6) Using a disposable dropper provided, take an aliquot from the extracted and mixed sample in the tube.
- 7) Add **4(four) ~ 5(five) drops** into the sample hole with the disposable dropper.

- 8) As the test begins to work, you will see purple color move across the result window in the center of the test device.
- 9) Interpret test results at **10 minutes**.

■ Interpretation of the test

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 indicates 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 Sample be re-tested.



■ Limitations of the test

- 1) This kit can detect canine influenza virus H3 strain antigen. Although the Anigen Rapid CIV Ag Test Kit is very accurate in detecting canine influenza virus antigen, a low incidence of false results can be occurred. This kit is for screening purpose. 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 results of a single test, but should only be made by the veterinarian after all clinical and laboratory findings have been evaluated.