One Step Canine Influenza Virus(CIV) Antibody Test

Anigen Rapid CIV Ab 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 Antibody Test Kit is a chromatographic immunoassay for the qualitative detection of Canine influenza virus antibody in a canine whole blood, serum or plasma.

Anigen Rapid Canine Influenza Virus Antibody 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 antibodies in the canine whole blood, serum or plasma.

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

■ Materials provided(10tests/kit)

1) Ten(10) Anigen Rapid Canine Influenza Virus Antibody Test Devices
2) One(1) Bottle containing 3ml of assay diluents
3) Ten(10) Disposable capillary tube for specimens
4) Ten(10) Anticoagulant bottles
5) One(1) Instruction for use

♣ A dark color score line on the capillary tube is the indicator line for 10㎕.

■ Precautions

1) For veterinary use only.
2) For best results, strict adherence to there 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℃) 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

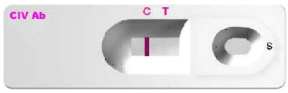
1) The test should be performed using serum, plasma, or whole blood.
2) [Whole blood]
Collect on anticoagulated blood sample in EDTA, heparin for citrate using standard clinical laboratory procedures. Anticoagulated whole blood samples should be tested within 24 hours of drawing. If delays are expected between samples should be stored either on ice or refrigerated(2~7℃), but should not be frozen. If anticoagulated whole blood samples cannot be tested within this period of time, separate plasma by centrifugation and store as described in the next section.
3) [Plasma]
Collect an anticoagulated blood sample using standard clinical laboratory procedures. Separate plasma by centrifugation. Plasma samples may be stored refrigerated(2~7℃) for up to 72hours; for longer storage, freeze at or below -20℃ in vials with air-tight seals.
4) [Serum]
Collect and prepare serum samples using standard clinical l raboratory procedures. Serum samples may be stored refrigerated (2~7℃) for up to 72 hours; for longer storage, freeze at or below -20℃ in vials with air-tight seals.

■ Procedure of the test

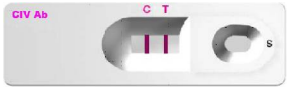
1) Remove the test device from the foil pouch, and place it on a flat and dry surface.
2) Using the disposable capillary tube , add one (1) drop (approximately 10ul) of canine serum, plasma or whole blood into the sample hole, and then add three (3) drops approximately 90ul of the assay diluents.
3) As the test begins to work, you will see a purple color move across the result window in the center of the test device. If the migration has not appeared after 1 minute, add one more drop of the assay diluents to the sample well.
4) Interpret test results at 10 minutes. Do not interpret after 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 antibodies. Although the Anigen Rapid CIV Ab Test Kit is very accurate in detecting canine influenza virus antibodies, 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.

BIONOTE

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