AESC CCV Ag RAPID TEST KIT

Please read the instruction for use carefully

☞ PRINCIPLE OF THE METHOD

The **AESC CCV Ag RAPID Test Kit** is a qualitative, lateral flow immunoassay for the detection of Canine Coronavirus(CCV) antigen in canine feces. In this test, antibody specific to the canine coronavirus antigen is coated on the test line regions of the device. During testing, the extracted specimen reacts with the antibody to Canine Coronavirus(CCV) antigen that are conjugated onto gold nanoparticles. The mixture migrates up the membrane to react with the antibody on the membrane and a purple test line would appear in the result window.

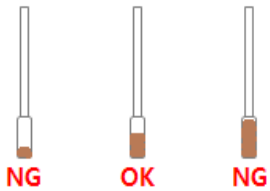
☞ COMPOSITION

AESC CCV Ag contains the following items to perform the test.

1) Test devices sealed in a foil pouch with desiccant (10ea/Kit)
2) Extraction Buffer Tube (10ea/Kit)
3) Filter Cap (10ea/Kit)
4) Disposable swab (10ea/Kit)
5) Instructions for use (1ea/Kit)

☞ SPECIMEN COLLECTION AND PREPARATION

1) Use canine feces as samples.
2) Use a swab to collect fecal or canine intra-anus fecal samples.



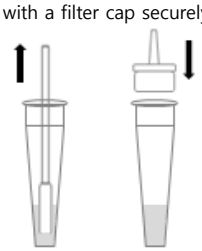
3) The samples should be tested immediately after collection
4) If samples are not tested immediately, the samples should be refrigerated (2~8 ℃) for 24 hours. For longer storage, freeze at -20℃ or below

☞ TEST PROCEDURE

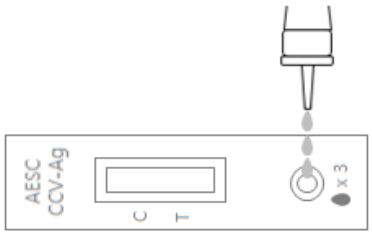
1) All reagents must be at room temperature (15~30℃) before use.
2) Remove the test device from the foil pouch and place it on a flat surface.
3) Collect feces samples using a swab.

4) Put the sample into the container that contains sample dilution buffer.
5) Stir well the solution with a swab in order to extract the virus from the fecal sample thoroughly.

6) Close the buffer tube with a filter cap securely.



7) Invert the buffer tube and gently squeeze it to draw 3~4 drops into a sample well on the device.

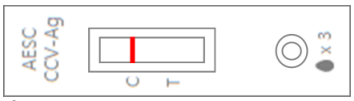


8) Interpret the result between 5~10 minutes.

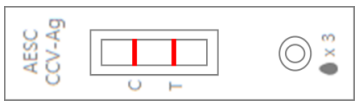
☞ INTERPRETATION OF THE RESULT

*Control(C) band means that the test is working properly.
*Test(T) band indicates the test result.

1) Negative result :
The presence of only Control(C) band indicates a negative result.



2) Positive result :
The presence of Test(T) and Control(C) band indicates a positive result.



3) Invalid result :
If the Control(C) band does not appear, the result might be considered invalid.

☞ PRECAUTIONS

1) For canine in vitro diagnostic use only.
2) If the device being stored is exposed to moisture, the performance of the product may deteriorate, so open it immediately before use and use it within 10 minutes of opening.
3) Do not re-use the test components. Make sure to use a separate disposable filter cap for each sample.
4) Use a filter cap to drop vertically when dropping a liquid.
5) Direct contact, such as touching the membrane in the device's test result window, may affect the test result.
6) Do not use the test kit beyond the stated expiration date marked on the package label.
7) All samples should be handled as being potentially infectious. Wear protective gloves while handling samples. Wash hands thoroughly afterwards.
8) After use, all wastes should be sterilized with high-pressure steam at 121 degrees Celsius for ≥ 15minutes or comparable methods
9) This Rapid Kit is made for preliminary test only. The result should be confirmed by other laboratory tests for final diagnosis.

☞ STORAGE AND STABILITY

1) Store the test kit at 2~30℃. DO NOT FREEZE.
2) The test kit is stable within the expiration date that marked on the package label.

☞ LIMITATIONS OF THE TEST

1) Although the AESC CCV Ag Rapid Test kit is accurate in detecting Canine Coronavirus antigen, a low incidence of false results can be occurred. The results must be considered with other clinical data available to the veterinarian.
2) For more accuracy of status, additional follow-up testing using other laboratory method is recommended.
3) Failure to follow the test procedure and interpretation of test results may adversely affect test performance and/or produce invalid results.
4) A negative test result may occur if the level of extracted antigen in a specimen is below the sensitivity of the test or if a poor-quality specimen is obtained.

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