

ONE STEP Feline Immunodeficiency Virus Antibody and Feline Leukemia Virus Antigen Test

For veterinary diagnostic use only

Anigen Rapid FIV Ab/FeLV Ag Test Kit 2.0

Principles

The **Anigen Rapid FIV Ab/FeLV Ag Test Kit 2.0** is a chromatographic immunoassay for the qualitative detection of Feline immunodeficiency virus (FIV) antibody and Feline leukemia virus (FeLV) antigen in feline serum, plasma or whole blood.

The **Anigen Rapid FIV Ab/FeLV Ag Test Kit 2.0** is inscribed with three letters that represent the test line for FIV antibody ("Ab"), the test line for FeLV antigen ("Ag"), and the control line ("C") on the surface of the device. Both the test lines and control line in the result window are not visible before applying any samples. The control line is used for procedural control, and should always appear if the test procedure is performed properly and the test reagents of the control line are working. A purple test line will be visible in the result window if there is enough FIV antibody and/or FeLV antigen in the sample.

The highly selective FIV antigens and antibodies against to FeLV are used as capture and detector in the assay. These antigens and antibodies are capable of detecting FIV antibodies and FeLV antigens in feline samples with high accuracy.

Materials provided

| Reagent | 10 Tests/Kit |
|---------------------------|--------------|
| Test device | 10 |
| Assay diluent bottle | 1 |
| Disposable capillary tube | 10 |
| Anticoagulant tube | 10 |
| Instructions for use | 1 |

♣ A black line on the capillary tube is the indicator line for 10 µl.



Materials required, but not provided

- 1) Timer

Precautions

- 1) The test kit is for feline use only. Do not use it for 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 reuse the test components.
- 4) Apply the sample and assay diluent 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.
- 9) All samples should be handled as being potentially infectious. Wear protective gloves while handling samples. Wash hands thoroughly afterward.
- 10) Decontaminate and dispose of all samples, used kits and potentially contaminated materials safely in accordance with national and local regulations.

Storage and Stability

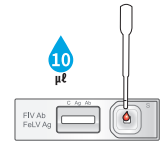
- 1) Store the test kit at 2-30 °C. **DO NOT FREEZE.**
- 2) Do not store the test kit in direct sunlight.
- 3) The test kit is stable within the expiration date marked on the package label.

Collection and Preparation of Sample

- 1) Feline whole blood, serum, or plasma should be used with this test.
 - [Whole blood]** Collect the whole blood into the anticoagulant tube (Max. vol. 1.5 ml) provided. If anticoagulated whole blood is not immediately tested, it should be refrigerated at 2-8 °C and used within 24 hours.
 - [Serum]** Collect the whole blood into the collection tube (NOT containing anticoagulants such as heparin, EDTA, and sodium citrate), leave it to settle for 30 minutes for blood coagulation, and then centrifuge to get the serum supernatant.
 - [Plasma]** Collect the whole blood into the collection tube (containing anticoagulants such as heparin, EDTA, and sodium citrate) and then centrifuge to get plasma.
- 2) If serum or plasma samples are not tested immediately, they should be refrigerated at 2-8 °C. For longer storage, freezing is recommended. Frozen samples should be brought to room temperature (15-30 °C) prior to use.
- 3) Samples containing precipitate may yield inconsistent test results. Such samples must be clarified prior to assaying.
- 4) The use of hemolytic, or bacterially contaminated samples should be avoided. An erroneous result may occur.

Procedure of the Test

- 1) All reagents and samples must be at room temperature (15-30 °C) before use.
- 2) Remove the test device from the foil pouch, and place it on a flat and dry surface.
- 3) Using a capillary tube, add **10 µl (A black line) of sample** into sample hole (S) on the test device.



- 4) Add **2 drops (approximately 60 µl) of assay diluent** into sample hole (S) vertically.



- 5) Start the timer. The sample will flow across the result window. If it does not appear after 1 minute, add one more drop of assay diluent.
- 6) Interpret test results at **15 minutes**. Do not read after 15 minutes.



Interpretation of the Result

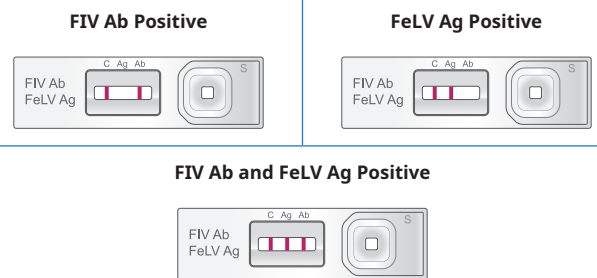
1) Negative result

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



2) Positive result

Test line ("Ab" and/or "Ag") and control line ("C") appear within the result window to indicate the presence of the target antibody and/or antigen.



3) Invalid result

If the control line ("C") does not appear, the result might be considered invalid. The samples should be retested.



Limitations of the Test

- 1) Although the Anigen Rapid FIV Ab/FeLV Ag Test Kit 2.0 is very accurate in detecting FIV antibodies and/or FeLV antigens, 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 results of a single test, but should only be made 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 Inc. and its distributors cannot be held responsible for the consequences of misuse or misinterpretation of the results given by the test.

Doc. No.: I1205-1E
Revised date: Nov. 11, 2022