

Feline Immunodeficiency Virus FIV Antibody

AffIVET® Rapid Test Kit

AFG-VR-61

10 Tests



Material Required

- (10) Rapid FIV Ab test device
- (10) Disposable capillary tube
- (10) Anticoagulant tube
- (01) Assay diluent bottle
- (01) Instructions for use
- (01) Timer (Not provided)

A black line on the capillary tube is the indicator line for 10 μ l.



Storage

- 1) Store the test kit at 2~30°C. **DO NOT FREEZE.**
- 2) Avoid direct sunlight.
- 3) The stability of the test kit is guaranteed up to the expiration date indicated on the package label.

Principle

- The AffiVET® Feline Immunodeficiency Virus (FIV) Antibody Rapid Test Kit employs Chromatographic Immunoassay technology to detect the presence of FIV antibodies in feline serum, plasma, or whole blood.
- This kit features two lines on its surface: the test (T) line and the control (C) line. Prior to sample application, these lines are not visible in the result window. The control line serves as a reference to confirm proper test performance and must appear every time the test is conducted. In the presence of FIV antibodies in the sample, a purple test line will manifest in the result window.
- Utilizing highly selective recombinant FIV antigens as capture and detection agents, this assay ensures accurate detection of FIV antibodies in samples.



Precautions

1. Use the test kit exclusively for feline specimens; refrain from application on other animals.
2. Exercise caution regarding humidity and heat sensitivity of the test device; conduct the test promptly upon removal from the foil pouch.
3. Avoid reusing test components to maintain accuracy.
4. Apply samples and assay diluents vertically to ensure precise results.
5. Refrain from touching the membrane within the result window of the test device.
6. Adhere strictly to the stated expiration date on the package label; avoid using the test kit beyond this date.
7. Discard the test kit if the pouch shows signs of damage or if the seal is compromised.
8. Refrain from combining components from different lot numbers; all kit components have been quality control tested as standard batch units.
9. Handle all samples as potentially infectious; wear protective gloves during sample manipulation and wash hands thoroughly afterward.
10. Safely decontaminate and dispose of all samples, reaction kits, and potentially contaminated materials according to national and local regulations.

Sample Collection & Preparation

1. For optimal results with this test, utilize feline whole blood, serum, or plasma

Whole blood

Gather whole blood into the provided anticoagulant tube (maximum volume 1.5ml). If untested immediately, refrigerate at 2~8°C and utilize within 24 hours.

Serum

Collect whole blood into a collection tube devoid of anticoagulants such as heparin, EDTA, and sodium citrate. Allow the blood to settle for 30 minutes to facilitate coagulation, then centrifuge to obtain serum supernatant.

Plasma

Acquire whole blood into a collection tube containing anticoagulants such as heparin, EDTA, or sodium citrate. Subsequently, centrifuge to obtain plasma.

2. Serum or plasma samples not tested immediately should be refrigerated at 2~8°C. For longer storage, freezing is recommended. Frozen samples should be brought to room temperature (15~30°C) before use.

3. Samples with precipitate may produce unreliable test outcomes. Ensure clarification of such samples before assay.

4. Exercise caution to prevent the use of hemolytic or bacterially contaminated samples, as they may lead to erroneous results.

Test Procedure

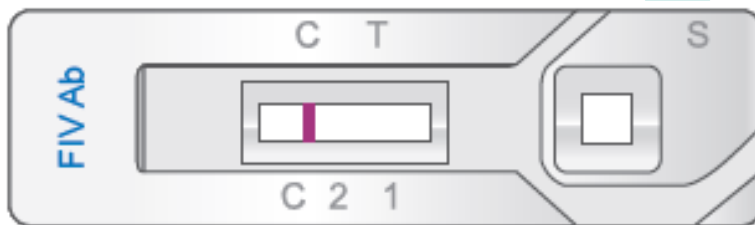


1. Ensure all reagents and samples reach room temperature (15~30°C) before proceeding.
2. Extract the test device from the foil pouch and position it on a flat, dry surface.
3. Utilizing the disposable capillary tube, transfer 10 μ L of sample into the sample hole of the test device.
4. Add 2 drops of assay diluents into the sample hole in a vertical manner.
5. Initiate the timer. The sample will migrate across the result window. If it fails to appear within 1 minute, add an additional drop of assay diluents to the sample hole.
6. Interpret test results at 10 minutes. Do not attempt to read results beyond 20 minutes.

Result Interpretation

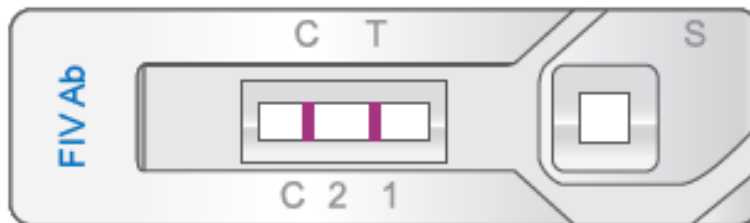
- Negative Result

- Presence of C-Line
- Absence of T-Line



- Positive Result

- Presence of C-Line
- Presence of T-Line

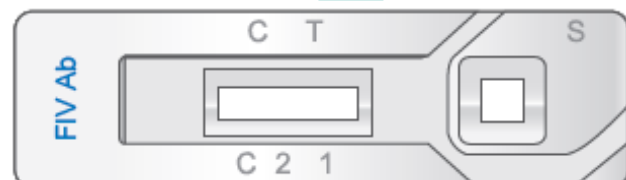


- Invalid Result

- Absence of C-Line
- Presence of T-Line

or

- Absence of C-Line
- Absence of T-Line



Limitations

1. Despite the high accuracy of The AffiVET® Feline Immunodeficiency Virus (FIV) Antibody Rapid Test Kit in detecting FIV antibodies, there is a possibility of occasional false results. In such instances, it is advisable to utilize other clinically available tests for confirmation. It's important to note that a conclusive clinical diagnosis should not rely solely on the results of a single test; instead, it should be made by the veterinarian following a comprehensive evaluation of all clinical and laboratory findings.
2. The reading window may exhibit a light pink background coloration, which does not impact the accuracy of the test results.
3. AffiGEN Inc. and its distributors cannot be held accountable for any consequences resulting from the misuse or misinterpretation of the test results.

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