

Canine Rabies Ag

AffiVET® Rapid Test Kit

AFG-VR-48

10 Tests



Material Required

- (10) Rapid Rabies Ag Test Device
- (10) Sample tube
- (10) Assay diluent tube
- (10) Disposable Swab
- (10) Disposable dropper
- (01) Instruction for Use
- (01) Timer (Not Provided)

Storage

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

Principle

- The AffiVET® Canine Rabies Antigen Rapid Test Kit is a chromatographic immunoassay for the qualitative detection of rabies virus antigen in fresh brain tissue.
- The two letters on the surface of the test device stands for test (T) line and control (C) line. Test and control line in the result window are not visible before applying any sample.
- The control line is a reference line which indicates the test is working properly and therefore must appear each time the test is performed. If rabies virus antigens are present in the sample, a purple test line will appear in the result window.
- Highly selective antibodies to rabies virus are used as a capture and detector in the assay, which are capable of detecting rabies virus antigen with a high accuracy.



Precautions

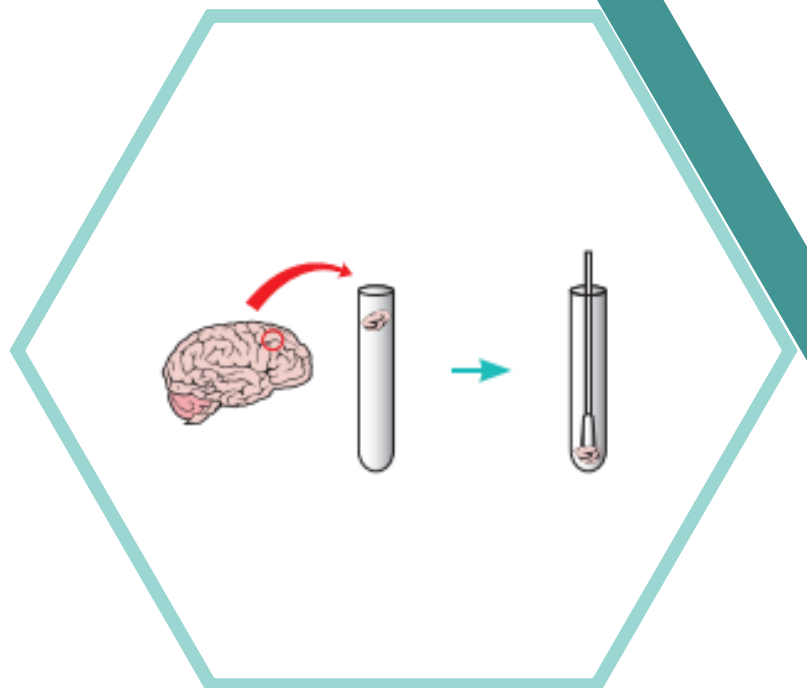
- 1) The test kit is for canine use only. Do not use for other animals.
- 2) The test device is sensitive to humidity as well as heat. Perform the test immediately after removing the test device from the foil pouch.
- 3) Do not re-use the test components.
- 4) Apply the sample and assay diluent vertically.
- 5) Do not touch the membrane in the result window of the 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 because the components in this kit have been quality control tested as standard batch unit.
- 9) All samples should be handled as being potentially infectious. Wear protective gloves while handling samples. Wash hands thoroughly afterwards.
- 10) Decontaminate and dispose of all samples, reaction kits and potentially contaminated materials safely in accordance with national and local regulations.

Sample Collection & Preparation

1) Brain tissues should be used for this test. Sample collection is similar to that of other diagnostic tests for rabies.

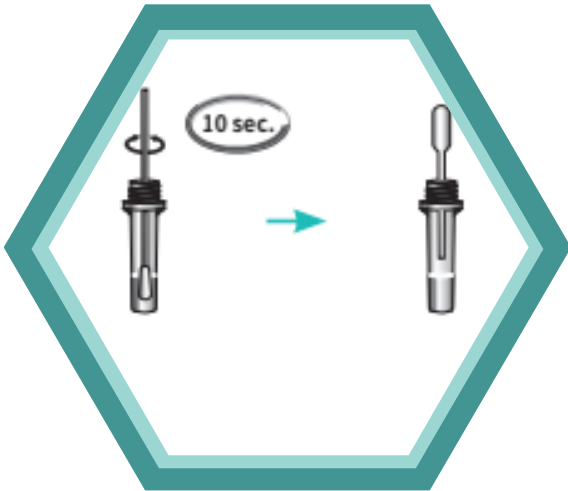
2) Preparation of brain homogenate:

- Collect 1g of brain tissue (It is recommended that a pool of brain tissue that including the brain stem should be collected and tested) in a sample tube.
- With the swab provided in the kit, rub the brain tissue against the inside of the tube with the swab until the brain consistency is a smooth paste and the swab is coated with brain.



Test Procedure

1) All reagents and samples must be at room temperature (15~30°C) before use.

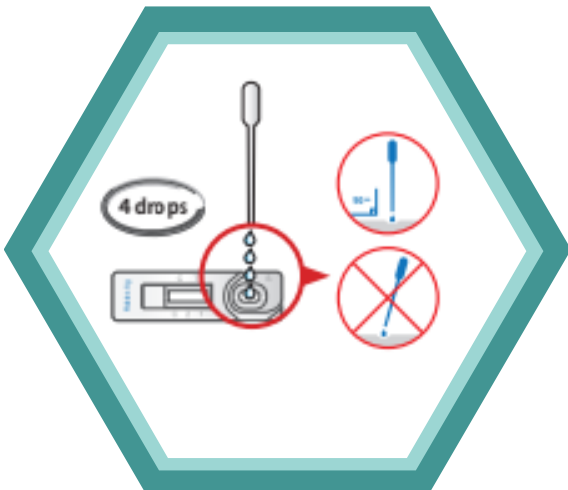


2) Collect the samples from brain homogenates using the disposable swab.

3) Insert the swab into the assay diluent tube.

4) Mix the swab until the sample has been dissolved into the assay diluent.

5) Remove the test device from the foil pouch, and place it on a flat and dry surface.



6) Using a disposable dropper, take the supernatant sample in the assay diluent tube.

7) Add four drops of mixed sample into the sample hole, drop by drop vertically.

8) Start the timer. The sample will flow across the result window. If it does not appear after 1 minute, add one more drop of mixed sample to the sample hole.

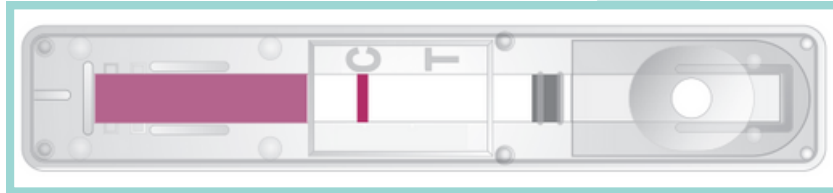
9) Interpret test results at 5~10 minutes. Do not read after 20 minutes.



Result Interpretation

- Negative Result

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



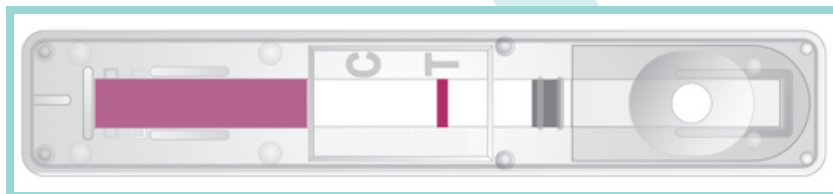
- Positive Result

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

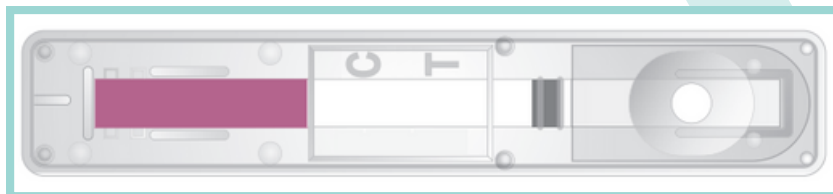


- Invalid Result

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



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



Limitations

- 1) Although the AffiVET® Canine Rabies Antigen Rapid Test Kit is very accurate in detecting Rabies virus antigen, a low incidence of false results can occur. While a positive reaction on the test line is proof of rabies, a negative result does not rule out an infection. Therefore, any LFD negative sample may be subject to further testing. Additionally, if you suspect a faulty result, we recommend you perform other clinical tests or confirmatory test at a lab to confirm the result.
- 2) The reading window may show a light pink background coloration; this will not affect the accuracy of the results.
- 3) AffiGEN Inc. cannot be held responsible for the consequences of misuse or misinterpretation of the results given by the test.

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