

Feline Immunodeficiency Virus Ab Test

1. INTENDED USE

Rojan Feline Immunodeficiency Virus Ab Test is a sandwich lateral flow immunochromatographic assay for the qualitative detection of Feline Immunodeficiency Virus antibody (FIV Ab) in cat's blood, serum, plasma

Assay Time: 10-15 min

Sample: cat's blood, serum, plasma

2. PRINCIPLE OF THE ASSAY

Rojan Feline Immunodeficiency Virus Ab Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window. The testing window has an invisible T (test) zone and C (control) zone. When sample is applied into the sample hole on the device, the liquid will laterally flow on the surface of the test strip. If there is enough FIV antibody in the sample, a visible T band will appear. The C band should always appear after a sample is applied, indicating a valid result. By this means, the device can accurately indicate the presence of FIV antibody in the sample.

3. KIT COMPONENT

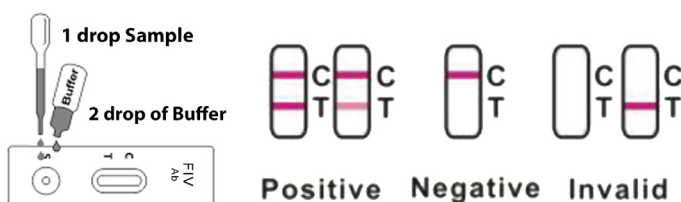
- foil pouches, each containing one cassette, and a desiccant
- assay buffer tubes
- Pipette
- Product Manual

4. SPECIMEN PREPARATION AND STORAGE

- Specimen should be obtained and treated as below. Serum or plasma: collect the whole blood for the patient, centrifuge it to get the plasma, or place the whole blood into a tube which contains anticoagulants to get serum. Dilute them before use.
- All specimen should be tested immediately. If not for testing right now, they should be stored at 2-8°C.

5. TEST PROCEDURE

- Allow all materials, including specimen and test device, recover to 15-25°C before running the assay.



- Collect feline's fresh whole blood, or separate serum or plasma from blood as soon as possible to avoid hemolysis. Only use clear, non-hemolyzed specimens. Do not leave the specimens at room temperature for prolonged periods. Serum and plasma specimens may be stored at 2-8 °C for up to 3 days. For long term storage, serum and plasma specimens should be kept below -20 °C.

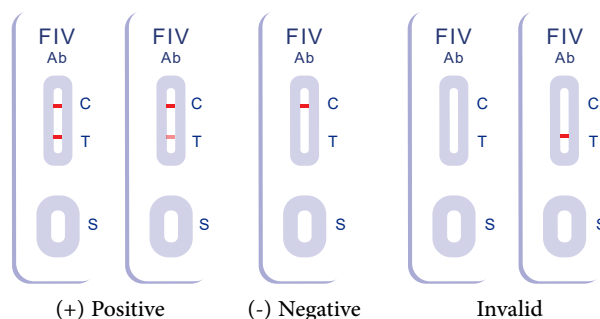
- Place the test device on a clean and level surface. Hold the dropper vertically and **Transfer 1 drop of sample** (approximately 10 µl) and immediately add **2 drops of buffer** (approximately 80 µl) into the specimen well (S), then **start** the timer. See illustration below.
- Read the result in **5-10 minutes**. Do not interpret results after 15 minutes.

6. INTERPRETATION OF RESULTS

Positive: The presence of both C band and T band, no matter T band is clear or vague.

Negative: Only clear C band appears.

Invalid: No colored band appears in C zone, no matter whether T band appears.



7. STORAGE

The kit can be **stored** at room temperature (2-30°C). The test kit is **stable** through the expiration date (18 months) marked on the foil pouch. **DO NOT FREEZE**. Do not store the test kit in direct sunlight.

8. PRECAUTIONS

- For best results, please strictly adhere to these instructions.
- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not reuse the test kit.
- Do not use the test beyond its expiration date marked on the foil pouch.
- The components in this kit have been quality control tested as **standard** batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local **states**

9. LIMITATION

Rojan Feline Immunodeficiency Virus Ab Test is for in vitro veterinary diagnosis use only. All results should be considered with other clinical information available from veterinarian. For an accurate result, It is **suggested** to apply other method such as ELISA for final determination in practice.