



Feline Immunodeficiency Virus Ab Test Kit (FIV Ab)



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1. INTENDED USE

BioSmart 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: serum, plasma or blood

2. PRINCIPLE OF THE ASSAY

BioSmart 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

- 10 foil pouches, each containing a cassette, pipette and desiccant
- 1 assay solution buffer bottle (3mL)

4. SPECIMEN COLLECTION AND STORAGE

1. Specimen to be tested should be obtained and handled by standard methods for their collections.

A. Serum: Allow the blood to clot, then centrifuge to separate the serum.

B. Plasma: Collect the whole blood into the tube contained anticoagulants such as heparin, citrate, or EDTA. Centrifuge the blood and separate the plasma.

C. Whole blood: Collect an anticoagulated blood sample in EDTA, heparin or citrate using standard clinical laboratory procedures.

Anticoagulated whole blood samples should be tested within 24 hours of drawing. If delays are expected between sampling and testing, the sample should be stored refrigerated (2~8°C), but should not be frozen.

2. Serum and plasma should be tested as soon as they are prepared. If necessary, they may be stored at 2~8°C for up to 24 hours or at -20°C for longer periods.

5. TEST PROCEDURE

1. Place all specimens, test devices and Assay solution and allow them

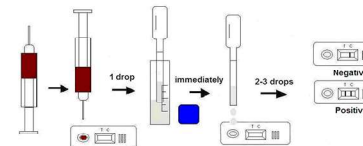
to room temperature prior to testing (15 - 30 min).

2. Prepare the test device as you need, and then mark the patients, ID onto the device, Please perform the test immediately after removing the device from foil pouch.

3. Load 1 drop of specimen into the sample well (S).

4. Add 2-3 drops of Assay solution into the sample well(s).

5. Interpret the testing result within 10 - 15 minutes. Do not read the result after 15 minutes.

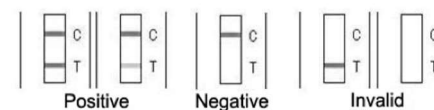


6. INTERPRETATION OF RESULTS

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 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.

9. LIMITATION

BioSmart Feline Immunodeficiency Virus Ab Test is for in vitro veterinary diagnosis use only. All results should be considered with other clinical information available from