Feline Immunodeficiency Virus Antibody – Feline Leukemia Virus Antigen - Feline Coronavirus Antibody Combo Test

INTENDED USE

The Felivet FIV Ab-FELV Ag-FCOV Ab Combo Test is a lateral flow immunochromatographic assay for the qualitative detection of feline immunodeficiency virus antibody (FIV Ab), feline leukemia virus antigen (FeLV Ag) and feline Coronavirus antibody (FCoV Ab) in cat's specimen.

Assay Time: 5-10 minutes

Specimen: Serum, plasma or whole blood

PRINCIPLE

The Felivet FIV Ab-FELV Ag-FCOV Ab Combo Test is based on sandwich method lateral flow immunochromatographic assay. The test card has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before running the assay. When the treated sample was applied into each sample well on the device, the liquid will laterally flow through the surface of each test strip and react with the pre-coated FIV recombinant antigens, FeLV antibodies and FCoV recombinant antigens respectively. If there are FIV antibodies, FeLV antigens and FCoV antibodies in the specimen, a visible T line will appear in the corresponding window. The C line should always appear after a sample is applied, which indicates a valid result. By this means, the device can accurately indicate the presence of FIV antibodies, FeLV antigens and FCoV antibodies in the specimen.

REAGENTS AND MATERIALS

- 10 test pouches, with cards, desiccants and disposable droppers
- 10 vials of assay buffer for FIV Ab-FeLV Ag
- 1 bottle of assay buffer for FCoV Ab
- 10 capillary droppers
- 1 package insert

STORAGE AND STABILITY

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 package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

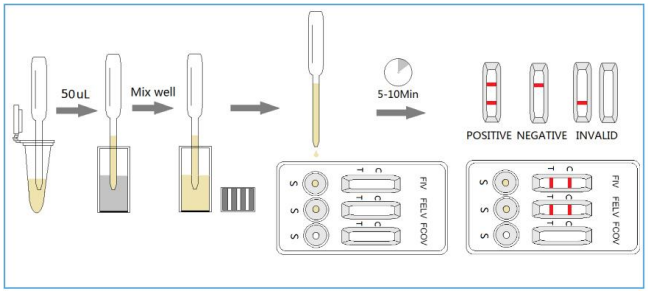
SPECIMEN PREPARATION AND STORAGE

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

TEST PROCEDURE

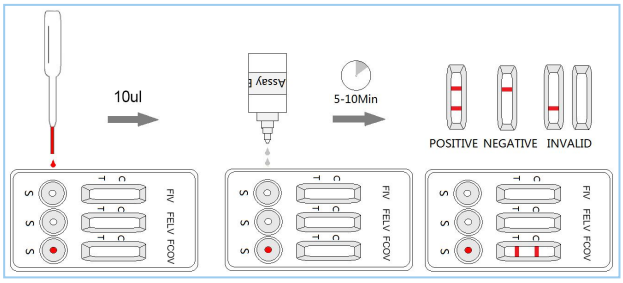
FIV Ab-FeLV Ag

- Allow all materials, including specimen and test device, recover to 15-25°C before running the assay.
- Take out the test card from the foil pouch and place it horizontally.
- Collect 50μL of the prepared specimen into a vial of assay buffer and mix well. Then drop 3 drops (approx. 120μL) of the diluted sample into each sample well "S" of the test card, respectfully corresponding to the windows FIV, FeLV. Start the timer.
- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.



FCoV Ab

- Allow all materials, including specimen and test device, recover to 15-25°C before running the assay.
- Take out the test device from the foil pouch and place it horizontally.
- Using the capillary dropper to place 1 drop of the prepared specimen into the sample well "S" of the test device. Then drop 3 drops of the assay buffer into the sample well immediately.
- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.



INTERPRETATION OF RESULTS

- Positive (+): The presence of both "C" line and zone "T" line, no matter T line is clear or vague.
- Negative (-): Only clear C line appear. No T line.
- Invalid: No colored line appears in C zone. No matter if T line appears.

PRECAUTIONS

- 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 use the test beyond its expiration date.
- 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.

LIMITATION

Felivet FIV Ab-FELV Ag-FCOV Ab Combo Test is designed for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method such as Western Blot or PCR when positive result was observed.

Manufacturer:
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