INTENDED USE

The Felivet fPL Test is a lateral flow immunochromatographic assay for the qualitative detection of the feline pancreatic lipase (fPL) in cat's serum, plasma or whole blood specimen, as an auxiliary examination of pancreatitis.

Cutoff: 3μg/L

Assay Time: 5-10 minutes

Specimen: cat's serum, plasma or whole blood

PRINCIPLE

The Felivet fPL 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 the sample well on the device, the liquid will laterally flow through the surface of the test strip and react with the pre-coated fPL monoclonal antibodies.If the concentration of fPL is exceeding the cutoff, a visible T line will appear. 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 fPL antigen in the specimen.

REAGENTS AND MATERIALS

- 10 test pouches, with test cards and desiccants
- 10 capillary droppers
- 1 bottle of assay buffer
- 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.

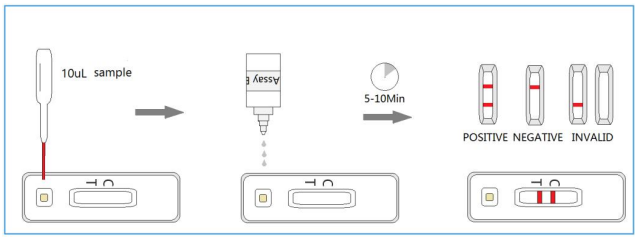
- Serum or plasma: collect the whole blood for the patient cat, centrifuge it to get the serum, or place the whole blood into a tube which contains anticoagulants to get plasma.
- Whole blood: collect fresh blood for use directly or make anticoagulant blood for storage at 2-8℃.

2. All specimen should be tested immediately. If not for testing right now, they should be stored at 2-8℃.

TEST PROCEDURE

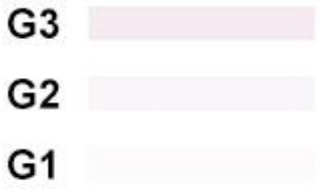
Allow all materials, including specimen and test device, recover to 15-25℃ before running the assay.

- Take out the test card from the foil pouch and place it horizontally.
- Use the capillary dropper to suck specimen and place 1 drop (approx.10μL) of the prepared specimen into sample well "S" of the test card. Then drop 3 drops (approx. 90μL) of the assay buffer into the sample well. Start the timer.
- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.



INTERPRETATION OF RESULTS

The presence of "C" line indicates a valid result. Read the result by comparing the color intensity of the "T" line with the standard color reference scale (from "G1" to "G3").



- Positive (+): The presence of both C line and zone T line, and the T line is stronger than G2. If T line is stronger than G2, it indicates that the concentration of fPL is elevated and higher than 3μg/L. If the T line is stronger than G3, it indicates that the concentration of fPL is higher than 6μg/L, and warns a high possibility of pancreatitis to the patient cat. The stronger the T line, the higher the severity.
- Negative (-): Only clear C line appear, no T line or T line is weaker than G2.
- 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 fPL Test is designed for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. The Felivet fPL Test is for qualitative use only. If quantitative result is required, it is suggested to run this test with exact volume of specimen and reagent, and read the result with our portable Rapid Test Reader.

Manufacturer:
Hangzhou Evegen Biotech Co., LTD.
1st Floor, Building#1 No.578, 20th Street, Baiyang Subdistrict,
Qiantang District, Hangzhou, Zhejiang Province