

Dynamiker Pets Biotechnology (Tianjin) Co., Ltd.

Feline Leukemia Virus Antigen Test

Catalogue No: DNP-502

User Manual / 10 tests

1. INTENDED USE

The Feline Leukemia Virus Antigen Test is a test cassette to diagnose the presence of Feline Leukemia virus antigens (FELV Ag) in cat's blood specimen.

Assay Time: 5-10 minutes

Specimen: Serum, plasma or whole blood

2. PRINCIPLE

The FELV Ag Test is based on sandwich lateral flow immunochromatographic assay.

3. REAGENTS AND MATERIALS

Components	Quantity
Test Cassette in Foil Bag	10 Tests
Desiccant in Foil Bag	10 Pcs
Disposable Capillary Dropper	10 Pcs
Assay Buffer	1 Bottle
User Manual	1 Pc

4. STORAGE AND STABILITY

The kit can be stored at room temperature (4-30°C). The test kit is stable through the expiration date marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

5. SPECIMEN PREPARATION AND STORAGE

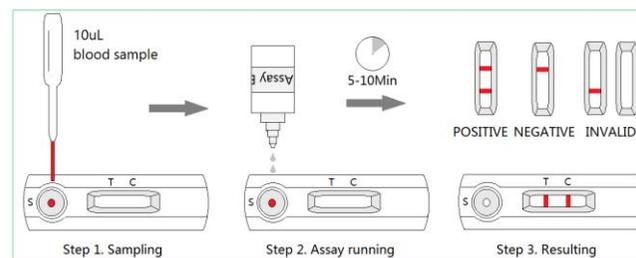
5.1 Specimen should be obtained and treated as below.

- 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°C.

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

6. TEST PROCEDURE

- 6.1 Allow all materials, including specimen and test cassette, recover to 15-25°C before testing.
- 6.2 Take out the test cassette from the foil bag and place it horizontally.
- 6.3 Using the capillary dropper to place 10µL of the prepared specimen into the sample well labelled "S" of the test cassette. Then add 2 drops (approx. 80µL) of the assay buffer into the sample well immediately.
- 6.4 Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.


7. INTERPRETATION OF RESULTS

- Positive (+): Presence of both "C" line and "T" line, no matter "T" line is clear or vague.
- Negative (-): Appearance of single "C" line. No red "T" line.
- Invalid: No red "C" line appears. No matter if "T" line appears.

8. PRECAUTIONS

- All reagents must be at room temperature before testing.
- Do not remove test cassette from its bag 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.

9. LIMITATION

The Feline Leukemia Virus Antigen Test is 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 RT-PCR or Western Blot when positive result was observed.

10. MANUFACTURER

Company: Dynamiker Pets Biotechnology (Tianjin) Co., Ltd.

Address: Room 303, No.2 Building, Rongzhi Industry Park, No. 3667, Zhongbin Avenue, Sino-Singapore Eco-city, Tianjin, China

Post code: 300467

Tel: +86-022-25264212

Fax: +86-022-25264212

[SYMBOLS USED]

Symbol	Description
	Use-by date
	Lot Number
	Manufacture Date
	Keep Away from Sunlight
	Temperature Limitation

REVISED: 04/2023