



FeLV Antigen Rapid Test Cassette

(Whole Blood/Serum/Plasma)

Package Insert

REF VILV-402

English

INTENDED USE

The FeLV Antigen Rapid Test Cassette (Whole Blood/Serum/Plasma) is a sandwich lateral flow immunochromatographic assay for the qualitative detection of feline leukemia virus antigen (FeLV Ag) in feline's whole blood or serum and plasma.

For veterinary use only.

PRINCIPLE

The FeLV Antigen Rapid Test Cassette is based on sandwich lateral flow immunochromatographic assay. The test cassette has a testing window. The testing window has an invisible T (test) zone and C (control) zone. When sample is applied into the sample well on the cassette, the liquid will laterally flow on the surface of the test strip. If there is enough feline leukemia virus antigen in the sample, a visible T line will appear. The C line should always appear after a sample is applied, indicating a valid result. By this means, the cassette can accurately indicate the presence of feline leukemia virus antigen in the sample.

STORAGE AND STABILITY

Store as packaged in the sealed pouch either at room temperature or refrigerated (2-30°C). The test is stable through the expiration date printed on the sealed pouch. The test cassette must remain in the sealed pouch until use. **DO NOT FREEZE.** Do not use beyond the expiration date.

PRECAUTIONS

- Do not use after expiration date.
- Handle all specimens as if they contain infectious agents. Observe established precautions against microbiological hazards throughout testing and follow the standard procedures for proper disposal of specimens.
- Wear disposable gloves and eye protection when specimens are being tested.
- Humidity and temperature can adversely affect results.
- Do not remove test cassette from its pouch until immediately before use.
- Do not reuse the test kit.
- Do not mix components from different lot and different products.

MATERIALS

Materials Provided

- Test cassettes
- Dropers
- Buffer
- Package insert

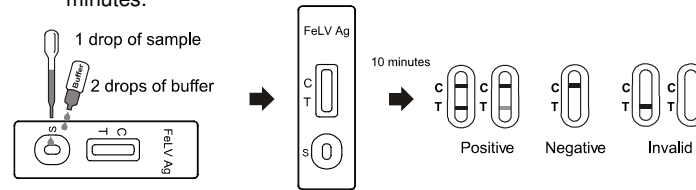
Materials Required but Not Provided

- Timer
- Specimen containers
- Centrifuge

DIRECTIONS FOR USE

Allow the test cassette, specimen, buffer to equilibrate to room temperature (15-30 °C) prior to testing.

- 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. Do not freeze whole blood specimens.
- Place the test cassette on a clean and level surface.
- Hold the dropper vertically and transfer **1 drop of sample** (approximately 25 µL) and immediately add **2 drops of buffer** (approximately 80 µL) into the specimen hole(S), then start the timer. See illustration below.
- Read the result in 10 minutes.** Do not interpret results after 15 minutes.



INTERPRETATION OF RESULTS

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

Negative: Only clear C line appears.

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

ACCURACY

The FeLV Antigen Rapid Test Cassette has been evaluated with specimens obtained from veterinary hospital. Commercial control test is used as the reference method for the FeLV Ag Test. Specimens were considered positive if commercial control test indicated a positive result.

FeLV Antigen Rapid	Commercial control test	Total
--------------------	-------------------------	-------

Test Cassette	Positive	Negative	
Positive	28	1	29
Negative	1	36	37
Total	29	37	66

Relative Sensitivity: 96.55% (95%CI*: 82.24%-99.91%)

Relative Specificity: 97.30% (95%CI*: 85.84%-99.93%)

Accuracy: 96.97% (95%CI*: 89.48%-99.63%)

*Confidence Interval

CROSS REACTIVITY

The FeLV Antigen Rapid Test Cassette has been tested by Infectious Peritonitis virus, Panleukopenia virus, Calicivirus and FIV positive sample. The results showed no cross-reactivity.

INTERFERENCE SUBSTANCES

Analytes	Conc.
Amoxicillin	0.5 mg/dL
Feline ω-Interferon	500000 IU/mL

LIMITATION

The FeLV Antigen Rapid Test Cassette is for 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 PCR or Western Blot for final determination in practice.

Index of Symbols

	Consult instructions for use		Tests per kit		Do not reuse
	Manufacturer		Use by		Catalog #
	Store between 2-30°C		Lot number		Do not use if package is damaged



Hangzhou AllTest Biotech Co.,Ltd.

#550, Yinhai Street
Hangzhou Economic & Technological Development Area
Hangzhou, 310018 P.R. China
Web: www.alltests.com.cn Email: info@alltests.com.cn

Number: V145003001

Revision date: 2025-07-03