

FeLV/FIV

**Feline**

## Feline Leukemia Virus (FeLV) Ag and Feline Immunodeficiency Virus (FIV) Ab Detection kit

For in vitro veterinarian diagnostic use only

Cat.no – 80FFV205/80FFV250

Instructions for Use

### Intended Use

ImmunoRun FeLV/FIV test kit is intended for the detection of Feline Leukemia Virus (FeLV) p27 antigen and Feline Immunodeficiency Virus (FIV) antibodies using cat whole blood, serum, or plasma.

### Specifications

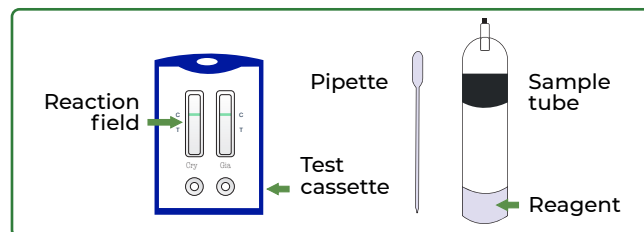
Samples	Serum, plasma, or whole blood		
Sample Vol.	20µl.		
Time to result	10 minutes		
Storage temp.	2-30°C		
Shelf life	24 months		
*	<b>Sensitivity</b>	<b>Specificity</b>	<b>Accuracy</b>
FeLV Ag	94.59%	99.99%	98.00%
FIV Ab	91.67%	97.83%	94.68%

\*According to internal comparison study 2017.

### Components of the test kit

Components	5 Tests/ kit 80FFV205	50 Tests/kit 80FFV250
Test Cassette	5	50
Pipette	5	50
Sample tube	1	10

### Components of the test kit



**Note:** In the reaction field, before starting the test, a green/blue line appears in the control line region. This is used for quality control and will be washed away by the sample liquid during the test.



### Precautions

- Do not freeze the kit.
- Do not open or remove the test cassette from its individually sealed pouch until it is to be used.
- Do not use the test if the cassette pouch or the device is damaged.
- Do not touch the exposed membrane in the device window.
- Handle and dispose all contaminated materials in accordance with approved sanitary standards for biohazardous waste.
- Components in this kit have been quality control approved as a standard batch unit. Do not mix components from different lot numbers.
- Each component of the kit is intended for single use only.

#### STORAGE:

- Store at 2-30°C. Avoid exposure to direct sunlight.
- The kit is stable for up to 24 months, do not use beyond the expiration date.

### Sample Preparation

Sample	Recommendations
 <b>Serum and plasma</b>	<ul style="list-style-type: none"> <li>● Use freshly collected serum/plasma to achieve the highest detection sensitivity.</li> <li>● Immediately separate the serum/plasma from the red blood cells. The sample should be clear and non-hemolyzed or lipemic.</li> </ul>
 <b>Whole blood</b>	<ul style="list-style-type: none"> <li>● Use freshly drawn blood.</li> <li>● Blood collected in heparin or EDTA is compatible with the test.</li> </ul>

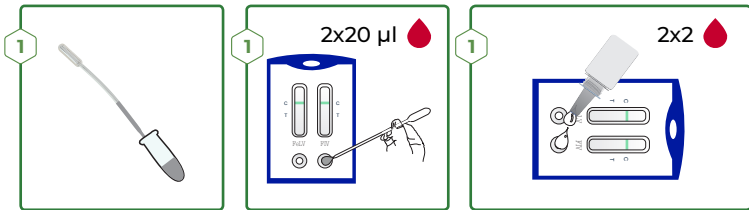
**Note:** Whole blood samples have a lower detection sensitivity. In case of a negative test result, the test should be repeated with a serum or plasma sample.

## Test Instructions

- If stored in refrigeration, allow all kit components and specimen to reach room temperature prior to testing.
- Remove the test cassette from its pouch and place on a horizontal surface.
- Use the test cassette **within 60 minutes** of opening the pouch.

## Test Procedure

1. Using the marked pipette, aspirate the sample up to the **20 µl mark**.
2. Add the sample to the first sample well and allow the liquid to be completely drained from the well. Repeat the procedure for the second well. **Avoid formation of air bubbles.**
3. Add 2 drops of reagent to each sample well. If the fluid does not migrate through test strip **within 60 seconds**, apply an additional drop of reagent into the sample well.

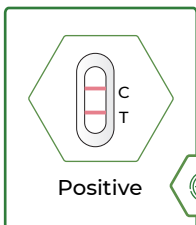


**Note:** An incorrect number or size of drops may lead to false results.

## Test Results

The test results should be read after **10 minutes**.

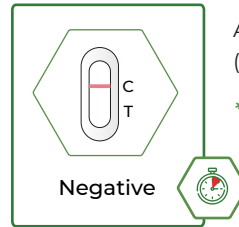
### Positive test result:



**Two red bands will appear.**  
The upper control band (C) confirms that the test is working properly. The bottom test band (T) indicates a positive test result.

*\*A weak test line should also be considered a positive result.*

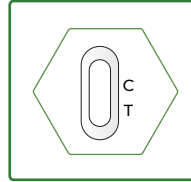
### Negative test result:



A lack of a test band (T), while control band (C) is present.

*\*No antigen or antibodies detected.*

### Invalid test result:



If no control band (C) appears the test is considered invalid.

If the test line is colored brown by feces, this test is invalid and should be repeated.

## Limitations & Troubleshooting

- A low incidence of false results can occur. **All results must be considered together with additional clinical information available.**
- In the case of FIV, the test may detect antibodies derived post vaccination, therefore consider vaccination history to interpret the results correctly.\*  
*\*According to internal study 2021*
- FeLV vaccination does not interfere in the test results.
- If test results are negative and clinical signs persist, **an additional diagnostic testing method is recommended.**

### Symbols

	Observe product information		For one-time use only		Protect against light
	For professional use only		Storage temperature		Shelf life
	Lot number		Number of Test/kit		Protect from humidity
			Manufacturer		

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