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**The following information is from the most recent U.S.A. product label/insert supplied to us by the Manufacturer/Distributor.**

# SNAP® COMBO FeLV Ag/FIV Ab TEST KIT

*Idexx Labs.*

FeLV/FIV Test

**U.S. Vet. Lic. No.:** 313

**Description:** SNAP® Combo FeLV Ag/FIV Ab Test Kit is an enzyme-linked immunosorbent assay (ELISA) for the simultaneous detection of feline leukemia virus (FeLV) antigen and antibody to feline immunodeficiency virus (FIV) in feline serum, plasma or whole blood.

## Components:

Item	Reagent	Volume	
		15 Test	30 Test
1.	1 bottle Anti-FeLV/FIV Ag:HRPO Conjugate	3.5 mL	7 mL
2.	Snap® Device Monoclonal antibodies to p27, inactivated FIV antigen, and positive and negative controls	15	30
	Reagents contained in each device:		
3.	Wash Solution	0.4 mL	0.4 mL
4.	Substrate Solution	0.6 mL	0.6 mL

Other Components: Transfer pipets, sample tubes, reagent rack.

**Indications:** The detection of the FeLV group-specific viral antigen (p27) is diagnostic for FeLV infection. The measurement of specific antibody titer to FIV indicates that the animal has been exposed to the virus and is indicative of an active FIV infection.

**Test Principles:** The SNAP® Combo FeLV Ag/FIV Ab assay utilizes monoclonal antibodies to p27, inactivated FIV antigen, and positive and negative controls.

The conjugate mixture contains enzyme-conjugated antibody to p27 and enzyme-conjugated FIV antigen. Upon mixing the conjugate and the test sample, conjugated monoclonal antibody will bind p27 antigen (if present), and conjugated FIV antigen will

bind to FIV antibody (if present). The sample/conjugate mixture is then added to the Snap® device and flows across the spotted matrix. The matrix-bound p27 antibody (FeLV spot) will capture the p27-conjugated antibody complex, while the matrix-bound FIV antigen (FIV spot) will capture the FIV antibody-conjugated antigen complex. The device is then activated, releasing wash and substrate reagents stored within the device. Color development in the FeLV Ag sample spot indicates the presence of FeLV antigen, while color development in the FIV Ab sample spot indicates the presence of FIV antibody.

**Test Procedure:** Test device and all samples must be at room temperature - do not heat. Important: Do not depress the activator until step 4.

Fresh serum, plasma or whole blood may be used in this test.

Whole blood must be anti-coagulated with heparin, EDTA or citrate.

Hemolyzed samples will not affect results.

Samples can either be fresh or refrigerated (2°-7°C) for up to 1 week. Thawed serum or plasma samples may be used.

1. Holding bottle vertical, add 4 drops of conjugate (blue cap) to the sample tube.
2. Using the pipet that is provided, transfer 3 drops (.15 mL) of sample (whole blood\*, serum, or plasma) into sample tube.

\* .15 mL of whole blood is approximately 3 drops from a syringe with the needle removed.

3. Cap the sample tube and mix thoroughly by inverting tube 3-5 times.

4. Place the device on a flat surface. Add contents of sample tube to Sample Well, being careful not to splash contents outside of Sample Well.

Sample will flow across Result Window, reaching Activate Circle in 30-60 seconds.

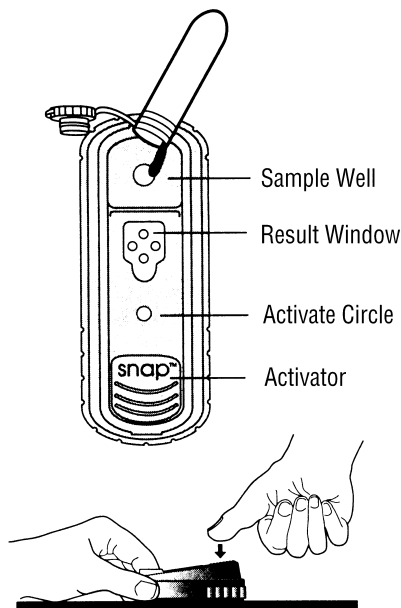
Some samples may remain in sample well.

Watch carefully for sample or blue color in the Activate Circle.

When color **first** appears in Activate Circle push Activator firmly until it is flush with the device body.

Note: Some samples may not flow to the activate circle within 60 seconds, and, therefore, the circle may not turn color. In this case, press the activator if sample has flowed across result window.

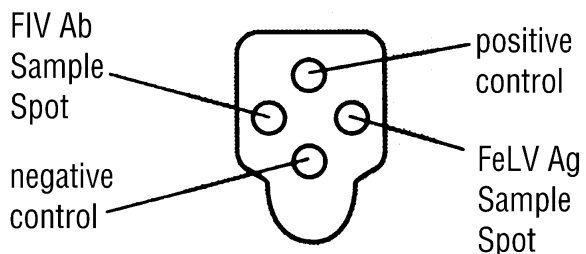
Keep the device horizontal to ensure accurate results.



### 5. Read test result at 10 minutes

Note: Positive control may develop sooner, but results are not complete until 10 minutes.

**Test Interpretation:** To determine test results, read the reaction spots in the Result Window. Color development in sample spot is proportional to the concentration of FeLV antigen or FIV antibody in the sample. If no color develops in the positive control spot, repeat the test.



Negative Result: Only positive control spot develops color.

Positive Result:

FeLV Antigen: Positive control spot and FeLV Ag sample spot develop color.

FeLV Antigen and FIV Antibody: Positive control spot and both sample spots develop color.

FIV Antibody: Positive control spot and FIV Ab sample spot develop color.

Reaction with Negative Control: The negative control spot serves as a safeguard against false positives.

Positive Result: If color in the FIV Ab or FeLV Ag sample spot is darker than negative control spot, result is positive for that spot.

Invalid Result: If color in the negative control spot is equal to or darker than FIV Ab or FeLV Ag sample spot, the test is invalid for that sample spot.

Invalid Results:

1. Background: If the sample is allowed to flow past the activate circle, background color may result. Some background color is normal. However, if colored background obscures

test result, repeat the test.

2. No Color Development: If positive control does not develop color, repeat the test.

**Storage:** Snap® devices and test reagents must be stored at 2°-7°C (36°-45°F).

**Caution(s):** Use a separate pipet for each sample.

During manufacturing the bioactive spots are dyed for quality control purposes. This does not interfere with the test results or interpretation.

FIV antigen used in the conjugate has been chemically inactivated. However, samples, sample tubes, pipets, conjugate and Snap® devices should be handled as though capable of transmitting FeLV and FIV. All waste should be properly decontaminated prior to disposal.

Do not use components past expiration date.

Do not mix components from kits with different lot numbers.

The Snap® device must be in a horizontal position on a flat surface while performing test.

Do not use a Snap® device that has been activated prior to the addition of sample.

**Warning(s):** For veterinary use only.

**Presentation:** 15 or 30 tests per kit.

Disclaimer: Every effort has been made to ensure the accuracy of the information published. However, it remains the responsibility of the readers to familiarize themselves with the product information contained on the product label or package insert. Compendium Code No.: 11160481