

Snap™ FeLV / FIV ELISA test kit instructions

Feline Leukemia Virus Antigen/ Feline Immunodeficiency Virus Antibody Test Kit

Snap Combo

Snap™ Combo FeLV Ag/FIV Ab test 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.

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

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.

Precautions and Warnings

- 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.
- For veterinary use only.

Storage

- Snap devices and test reagents must be stored at 2°-7°C (36°-45°F). All components must be at room temperature before running the test - **DO NOT HEAT**.

Kit Components

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

Other Components

transfer pipets
sample tubes
reagent rack

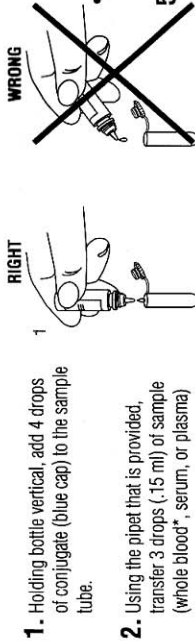
Instructions for Use

Test device and all samples must be at room temperature - do not heat.

IMPORTANT: DO NOT DEPRESS THE ACTIVATOR UNTIL STEP 4.

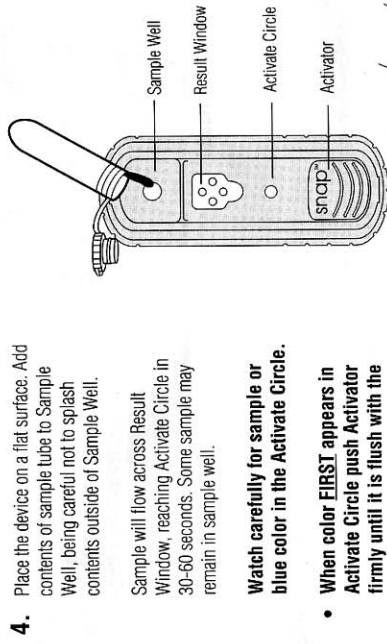
TEST PROCEDURE

- 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 be either 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.

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

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



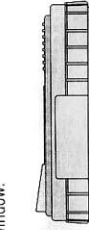
4. Place the device on a flat surface. Add contents of sample tube to Sample Well, being careful not to splash contents outside of Sample Well.

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

**ANY QUESTIONS OR COMMENTS, CALL IDEXX TECHNICAL SERVICE
USA 800-248-2483, United Kingdom 0800 581786**

Please help us to maintain the high quality of our products. Report any unusual results to IDEXX Technical Service at 800-248-2483. If possible, please have your kit lot number available.

