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Operation Control (FIV Ab-FELV Test Procedure)

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1. Purpose

This document is produced to determine the process of using FIV/ FeLV test kit.

1.1. Scope

This document is applicable to all departments of Vets for Pets.

1.2. General Requirements

1. All concerned personnel are responsible to ensure that work is carried out in compliance with this procedure.
2. Practice manager shall ensure that development, review, and improvement of this procedure is conducted at least once every year.
3. Development, review, and improvement of this procedure must be done in consultation with management team and vets.
4. This procedure to be documented and recorded as per the hospital document control procedure.

2. Procedure

2.1 Kit components

Each kit contains:

- Anigen Rapid FIV Ab/FeLV Ag test device.
- Assay diluents bottle.
- Disposable capillary tube.
- Anticoagulant tube.



Test device and the reagents should be stored at room temperature.

2.2 Sample Information

- The test kit is for feline use only. Do not use for other animals.
- The test device is sensitive to humidity as well as heat. Perform the test immediately after removing the test device from the foil pouch.
- Do not reuse the test components.
- Apply the sample and assay diluents vertically.
- Do not touch the membrane in the result window of test device.
- Do not use the test kit beyond the stated expiration date marked on the package label.
- Do not use the test kit if the pouch is damaged or the seal is broken.
- Do not mix components from different lot numbers.
- Wear protective gloves at all time.
- Do not freeze store test kit at room temperature.

2.3 Test Procedures

2.3.1 Collection and Preparation of Sample

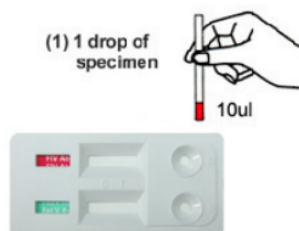
- Feline whole blood, serum, or plasma should be used with this test.
- Whole Blood: Collect the whole blood into the anticoagulant tube (max vol. 1.5ml) provided. If anticoagulated whole blood is not immediately tested, they should be refrigerated at 2 to 8C and used within 24 hours.



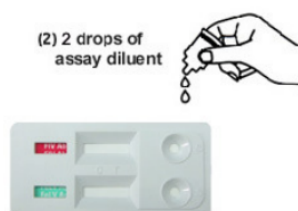
- Serum: Collect the whole blood into the collection tube (Not containing anticoagulants such as heparin, EDTA and sodium citrate), leave to settle for 30 minutes for blood coagulation and then centrifuge to get serum supernatant.
- Plasma: collect the whole blood into the collection tube (containing anticoagulants such as heparin, EDTA and sodium citrate) and then centrifuge to get plasma.
- If serum or plasma samples are not tested immediately, they should be refrigerated at 2 to 8 C. for longer storage, freezing is recommended. Frozen samples should be brought to room temperature (15-30C) prior to use.
- Sample containing precipitate may yield inconsistent test results. Such samples must be clarified prior to assaying.

2.3.2 Procedure of the test

1. All reagents and samples must be at room temperature before use.
2. Remove the test device from the foil pouch and place it on a flat and dry surface.
3. Using the capillary tube, add **1 DROP** (approximately 10ul) of sample into each sample hole(s) on the test device.



4. Add **2 DROPS** (approximately 60ul) of assay diluents into each sample hold(s) vertically.



5. Start the timer. The sample will flow across the result window. If it does not appear after 1 minute, add one more drop of assay diluents.
6. Interpret test results at **10 MINUTES**. Do not read after 20 minutes

(3) Interpret at 10min.



2.4 Interpretation of Results

1. Interpretation of the test A color band will appear in the left section of the result window to show that the test is working properly, this band is the control band. The right section of the result window indicates the test results. If another color band appears in the right section of the result window, this band is the test band.
2. **Negative Result:** Only control (“C”) line appears in the result window



3. **Positive Result** (Simultaneous FIV Ab and FeLV Ag Positive result): Test (“T”) line and control (“C”) line appear within the result window to indicate the presence of target antigen/and antibody.



4. **Positive Result** (FIV Ab Positive): The presence of two colour bands (“T” and “C”) within the result window on the FIV Ab test area, and the presence of only one band (“C”) within the result window on the FeLV Ag test area, no matter which band appears first, indicates a positive result of Feline Immunodeficiency Virus Ab.



5. **Positive Result** (FeLV Ag Positive): The presence of two colour bands (“T” and “C”) within the result window on the FeLV Ag test area, and the presence of only one band (“C”) within the result window on the FIV Ab test area, no matter which band appears first, indicates a positive result of Feline Leukemia virus Ag.



6. **Invalid Result:** If the purple colour band is not visible within the result window after performing the test, the result is considered invalid. The directions may One-step Feline Immunodeficiency Virus Antibody and Feline Leukemia Virus Antigen Test not have been followed correctly or the test may have deteriorated. It is recommended that the specimen be re-tested.



2.5 Limitations of the Test

Although the Anigen Rapid FIV Ab/FelV Ag Test Kit test kit is very accurate in detecting Feline Immunodeficiency virus antibody and/or Feline Leukemia virus antigen, a low incidence of false results can occur. Other clinically available tests are required if questionable results are obtained. As with all diagnostic tests, a definitive clinical diagnosis should not be based on the results of a single test but should only be made by the veterinarian after all clinical and laboratory findings have been evaluated.

Name:

Signature:

