M1R014-E08

bioguard
science for animal care

For Veterinary Use Only

FeLV Ag / FIV Ab Combo Test

- Feline Leukemia Virus Antigen
- Feline Immunodeficiency Virus Antibody

Combo Test

Bioguard Feline Leukemia Virus (FeLV) Ag/ Feline Immunodeficiency Virus (FIV) Ab Combo Test is a sandwich lateral flow immunochromatographic assay, developed and manufactured by Bioguard Corporation, for rapid and qualitative detection of Feline Leukemia Virus antigen and Feline Immunodeficiency Virus antibody in cat's blood. The test device has a testing window, coated by an invisible T (test) zone and C (control) zone. When sample is applied into the sample well on the device, the reagent will laterally flow on the surface of the test strip. If there is enough FeLV Ag / FIV Ab in the sample, a visible T band will appear. The C band should always appear after a sample is applied, indicating a valid result. By this means, the device can accurately indicate the presence of FeLV Ag / FIV Ab in the specimen.

KIT COMPONENTS

COMPONENTS	5 TESTS /BOX	10 TESTS /BOX
FeLV Ag / FIV Ab test device	5	10
Disposable droppers	5	10
EDTA blood collection tube	5	10
FeLV assay buffer bottle	1	1
FIV assay buffer bottle	1	1
Instruction manual	1	1

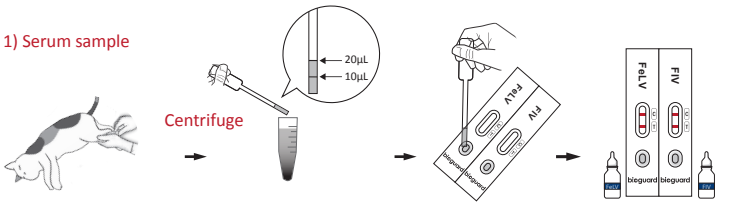
SPECIMEN

Cat's whole blood, serum or plasma.

TEST PROCEDURE

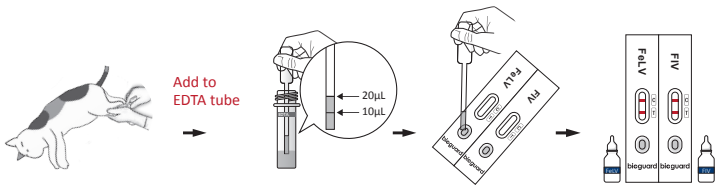
- Remove the sealed pouch, assay buffer bottles and EDTA blood collection tube from the box.
- Take out the cassette from the foil pouch and place it horizontally on a clean surface.
- Take cat's whole blood, serum or plasma (centrifugation from EDTA tube) as sample.
- Take sample by disposable dropper, drip 1 drop (20μL) of sample and immediately drip 4 drops (100μL) FeLV and FIV assay buffer into corresponding wells.
- Interpret the result in 5-10 minutes. The result after 10 minutes is not allowed to be read.

1) Serum sample



Collect sample | Take serum (avoid the red blood cells) | 1 drop of serum | Drip 4 drops FeLV and FIV assay buffer, wait for 5-10 minutes.

2) Whole blood or plasma sample



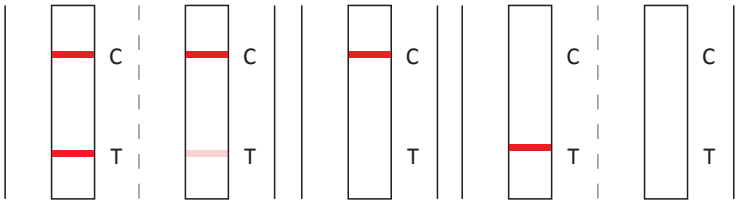
Collect sample | Take blood or plasma | 1 drop of blood or plasma | Drip 4 drops FeLV and FIV assay buffer, wait for 5-10 minutes.

INTERPRETATION OF RESULTS

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

2) Negative: Only clear C band appears.

3) Invalid: No colored band appears in C zone, no matter whether T band appears.



Positive | Negative | Invalid

STORAGE

- The kits should be stored between 2-30°C. DO NOT FREEZE. If they are stored under cold circumstance, keep them at room temperature for 15~30 minutes before use.
- Do not store the test kit in direct sunlight.
- The test kits are stable through the expiration date (24 months) marked on the foil pouch.

PRECAUTIONS

- For best results, please strictly adhere to these instructions.
- Please pay attention to the expiration date marked on the foil pouch before using. Do not use the expired kits.
- Do not remove the kit from the foil pouch until the test is ready to be carried out in case the kit is overly exposed to the air and affected by humidity, and all the manipulating process should be finished within 10 minutes after the foil pouch is opened.
- All the test devices in the box, including test kit, dropper, assay buffer and EDTA tube are all disposable. Do not reuse. Once the test is finished, please properly discard all specimens and kits in accordance with Good Laboratory Practice (GLP).
- Do not move the test strip after sample applying into the sample well in case of abnormal occurrence on the test strip.
- The components in this kit have been quality-control tested as standard batch unit. Do not mix components from different lot numbers.

LIMITATION

The test is for veterinary use and in vitro diagnosis only, and **it is not able to exclude all the possibility of false negative and false positive results caused by various factors**. Hence, besides the results from test kits, veterinarians should also consider other clinical information and laboratory diagnostic methods to make the definite diagnosis in practice.

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