M1R053-E01

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For Veterinary Use Only

Feline 3HX

- Feline heart worm (Dirofilaria immitis)Antigen
- Feline Leukemia Virus Antigen
- Feline Immunodeficiency Virus Antibody

Combo Test

Bioguard Feline 3HX Test is a sandwich lateral flow immunochromatographic assay, developed and manufactured by Bioguard Corporation, for rapid and qualitative detection of Feline heart worm (Dirofilaria immitis) Antigen (FHW Ag), Feline Leukemia virus Antigen (FeLV Ag), Feline Immunodeficiency virus Antibody (FIV Ab) in cat's serum, plasam, pleural effusion and ascites. 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 / FHW Ag 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 / FHW Ag in the specimen.

KIT COMPONENTS

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

SPECIMEN

Cat's whole blood, serum and plasam.

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 and plasma as sample.

• Serum sample：Collect 0.5-1 mL of blood, put it into a centrifuge tube or blood collection tube without adding any anticoagulant, let it sit for 30 minutes or centrifuge and take the supernatant serum. ◦

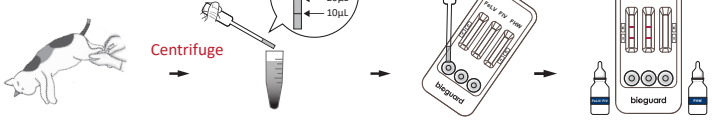
• Whole blood and plasma: Collect 0.5-1 mL of blood, immediately add it to the EDTA blood collection tube, tighten the top cap and turn it up and down 5-10 times to fully mix the blood and anticoagulant. The whole blood sample can be used directly, or centrifugated and take the supernatant plasma.

– Take sample by disposable dropper, drip 1 drop (20μL) of sample into each wells, and immediately drip 4 drops (100μL) FeLV / FIV assay buffer into FeLV and FIV wells, and drip 4 drops (100μL) FHW assay buffer into FHW wells.

– Interpret the result in 5-10 minutes. The result after 10 minutes is not allowed to be read.

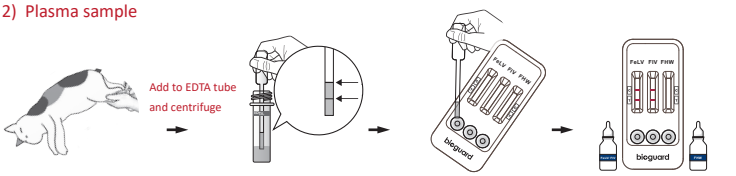
FeLV and FIV:

1) Serum sample



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

2) Plasma sample



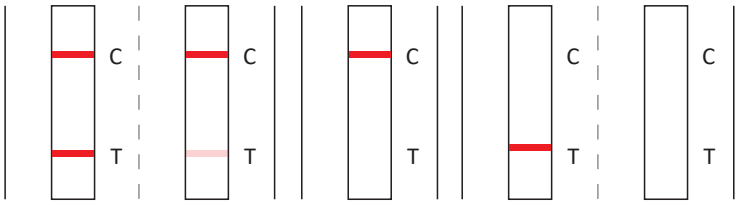
Collect sample → Take plasma (avoid the red blood cells) → 1 drop of plasma into each wells → Drip 4 drops FeLV / FIV assay buffer and FHW assay buffer, wait for 5-10 minutes.

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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