INTENDED USE

The Canivet Asian-4 VetDx Test is a lateral flow immunochromatographic assay for the qualitative detection of Ehrlichia canis antibodies (EHR), Anaplasma spp (ANA) antibodies and Babesia gibsoni (BAB) antibodies and Heartworm (CHW) antigens in dog's serum, plasma and whole blood specimen.

Assay Time: 5-10 minutes

Specimen: dog's serum, plasma or whole blood

PRINCIPLE

The Canivet Asian-4 VetDx Test is based on sandwich method lateral flow immunochromatographic assay. The testing window has an invisible T (test) zone and a C (control) zone before running the assay. When the treated sample was applied into each sample well on the device, the liquid will laterally flow through the surface of the test strip and react with the pre-coated Ehrlichia, Anaplasma, Babesia recombinant antigens and heartworm antibodies respectively. If there are Ehrlichia, Anaplasma, Babesia gibsoni antibodies and Heartworm antigens in the specimen, a visible T line will appear.

REAGENTS AND MATERIALS

- 10 test pouches, with cards and desiccants
- 2 bottles of assay buffer
- 10 capillary droppers
- 1 package insert

STORAGE AND STABILITY

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

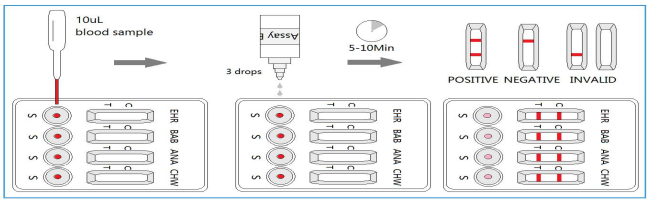
SPECIMEN PREPARATION AND STORAGE

1. Specimen should be obtained and treated as below.
- Serum or plasma: collect the whole blood for the patient dog, centrifuge it to get the serum, or place the whole blood into a tube which contains anticoagulants to get plasma.
- Whole blood: directly use in the assay.

2. All specimen should be tested immediately. If not for testing right now, they should be stored at 2-8℃.

TEST PROCEDURE

- Allow all materials, including specimen and test device, recover to 15-25℃ before running the assay.
- Take out the test card from the foil pouch and place it horizontally.
- Use the capillary dropper to place 1 drop (approx.10μL) of the prepared specimen into each sample well "S" of the test card. Then drop 3 drops (approx. 90μL) of the assay buffer into each sample well. Start the timer.
- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.



INTERPRETATION OF RESULTS

- Positive (+): The presence of both "C" line and zone "T" line, no matter T line is clear or vague.
- Negative (-): Only clear C line appear. No T line.
- Invalid: No colored line appears in C zone. No matter if T line appears.

PRECAUTIONS

- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use. Do not use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local states.

LIMITATION

Canivet Asian-4 VetDx Test is designed for in vitro veterinary diagnosis use only. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method such as PCR when positive result was observed.

Manufacturer:
Hangzhou Evegen Biotech Co., LTD.
1st Floor, Building#1 No.578, 20th Street, Baiyang Subdistrict, Qiantang District, Hangzhou, Zhejiang Province