

Canine Babesia Antibody 1.0 Rapid Test (**Babesia Ab**)

Catalog No.: JCA033D

✧ INTENDED USE

The Canine Babesia Antibody 1.0 Rapid Test is a test cassette to diagnose the presence of Babesia antibody (Babesia Ab) in dog's serum or plasma specimen. Three of the Babesia species (Babesia gibsoni, Babesia vogeli, and Babesia canis) are detectable according to the clinical study.

Assay Time: 5-10 minutes

Specimen: Serum or plasma.

✧ PRINCIPLE

The Canine Babesia Antibody 1.0 Rapid Test is based on sandwich lateral flow immunochromatographic assay. Babesia specific recombinant antigen was applied in this assay, specially combine the Babesia antibodies in specimen and form a visible line.

✧ REAGENTS AND MATERIALS

- Test devices
- Disposable droppers
- Assay buffers
- Products Manual

✧ STORAGE AND STABILITY

The kit can be stored at room temperature (4-30°C). The test kit is stable through the expiration date (24 months) marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

✧ SPECIMEN PREPARATION AND STORAGE

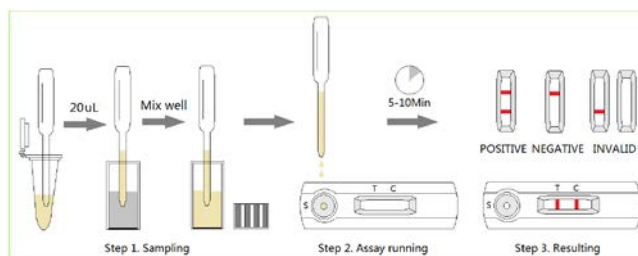
1. Specimen should be obtained and treated as below:
collect the whole blood from the patient dog, centrifuge it to get the plasma, or place the whole blood into a tube which contains anticoagulants to get serum.
2. All specimen should be tested immediately. If not for testing right now, they should be stored at 2-8°C.

✧ TEST PROCEDURE

- Allow all materials, including specimen and test device, recover to 15-25°C before running the assay.
- Take out the test device from the foil pouch and place it horizontally.
- Place 20 µL of the serum or plasma into an assay buffer tube and mix them well.
- Collect the prepared specimen with a disposable dropper into the sample hole "S" of the test device. Then drop 3

drops (approx. 120 µL) of the assay buffer into the sample hole immediately.

- 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

The Babesia Antibody 1.0 Rapid Test is for in vitro veterinary diagnosis use only. The test could not distinguish different Babesia species. All result should be considered with other clinical information available with veterinarian. It is suggested to apply a further confirmative method such as RT-PCR when positive result was observed.



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