

Dynamiker Pets Biotechnology (Tianjin) Co., Ltd.

Canine Ehrlichia Antibody Rapid Test

Catalogue No: DNP-023

User Manual / 10 tests

1. INTENDED USE

The Canine Ehrlichia Antibody Rapid Test is a test cassette to diagnose the presence of canine Ehrlichia antibody (E.canis Ab) in dog's blood specimen.

Assay Time: 5-10 minutes

Specimen: Serum, plasma or whole blood

2. PRINCIPLE

The E.canis Ab Rapid Test is based on sandwich lateral flow immunochromatographic assay.

3. REAGENTS AND MATERIALS

Components	Quantity
Test Cassette in Foil Bag	10 Tests
Desiccant in Foil Bag	10 Pcs
Disposable Dropper in Foil Bag	10 Pcs
Assay Buffer	10*1.0 mL
Disposable Capillary Dropper	10 Pcs
User Manual	1 Pc

4. STORAGE AND STABILITY

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

5. SPECIMEN PREPARATION AND STORAGE

5.1 Specimen should be obtained and treated as below.

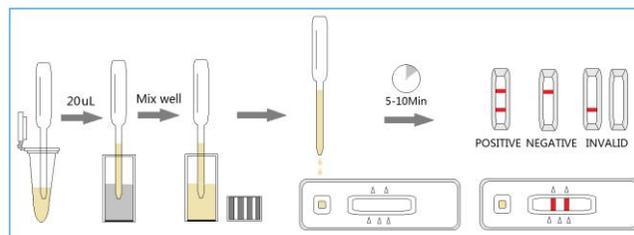
- Serum or plasma: collect the whole blood from the patient dog, centrifuge it to get the serum, or place the whole blood into a tube which contains anticoagulants to get plasma.

- Whole blood: collect fresh blood for use directly or make anticoagulant blood for storage at 2-8°C.

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

6. TEST PROCEDURE

- 6.1 Allow all materials, including specimen and test cassette, recover to 15-25°C before testing.
- 6.2 Take out the test cassette from the foil bag and place it horizontally.
- 6.3 Collect 20µL of the prepared specimen into a vial of assay buffer and mix well. Then add 3 drops (approx. 120µL) of the diluted sample into the sample well labelled "S" of the test cassette.
- 6.4 Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.


7. INTERPRETATION OF RESULTS

- Positive (+): Presence of both "C" line and "T" line, no matter "T" line is clear or vague.
- Negative (-): Appearance of single "C" line. No red "T" line.
- Invalid: No red "C" line appears. No matter if "T" line appears.

8. PRECAUTIONS

- All reagents must be at room temperature before testing.
- Do not remove test cassette from its bag 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.

9. LIMITATION

The Canine Ehrlichia Antibody Rapid Test is 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 RT-PCR or microscopy when positive result was observed.

10. MANUFACTURER

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[SYMBOLS USED]

Symbol	Description
	Use-by date
	Lot Number
	Manufacture Date
	Keep Away from Sunlight
	Temperature Limitation

REVISED: 04/2023