

Dynamiker Pets Biotechnology (Tianjin) Co., Ltd.

Canine Brucella Antibody Rapid Test

Catalogue No: DNP-007

User Manual / 10 tests

1. INTENDED USE

The Canine Brucella Antibody Rapid Test is a lateral flow immunochromatographic assay for the qualitative detection of Canine Brucella Antibody (C.Brucella Ab) in dog's serum, plasma, or whole blood.

Assay Time: 10-15 minutes

Specimen: serum, plasma, or whole blood.

2. PRINCIPLE

The Canine Brucella Antibody Rapid Test is based on sandwich lateral flow immunochromatographic assay. The test cassette has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before testing. When the treated sample was applied into the sample well on the cassette, the liquid will laterally flow through the surface of the test strip and react with the pre-coated Brucella LPS antigens. If there are anti-Brucella antibodies in the specimen, a visible T line will appear. The C line should always appear after a sample is applied, which indicates a valid result. By this means, the cassette can accurately indicate the presence of Canine Brucella antibodies in the specimen.

3. REAGENTS AND MATERIALS

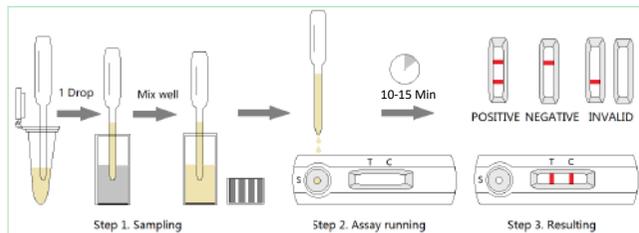
Components	Quantity
Test Cassette in Foil Bag	10 Tests
Desiccant in Foil Bag	10 Pcs
Disposable Dropper in Foil Bag	10 Pcs
Assay Buffer	10*1.0 mL
Disposable Capillary Dropper	10 Pcs
User Manual	1 Pc

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. TEST PROCEDURE

- 5.1 Collect dog's fresh whole blood, serum or plasma specimen for use. Immediately apply the testing once collected the specimen.
- 5.2 Take out the test cassette from the foil bag and place it horizontally.
- 5.3 Place 1 drop of serum or plasma specimen into an assay buffer tube. Mix well and directly use in the assay.
- 5.4 Place 2-3 drops of assay buffer into the sample well.
- 5.5 Interpret the result in 10-15 minutes. Result after 15 minutes is considered as invalid.



6. 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.

7. 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.

8. LIMITATION

The Canine Brucella 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 when positive result was observed.

9. MANUFACTURER

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[SYMBOLS USED]

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