

Brucellosis Ab Rapid Test Card

Product Number: C10321

Product Unit: 10T

For veterinary use only

1. Precaution

- a) This kit is designed for brucellosis antibody detection in serum; make sure you are fully aware of the intended use.
- b) Check the kit package carefully and read this instruction through to confirm the validity of the kit, and the appearance of the package. Only valid kit can be used.
- c) If any damage or leakage were found, please contact your vendor for replacement. Do not use in test unless otherwise agreed by the vendor.
- d) All samples collected may be contagious, please handle carefully according to local laws and regulations. Used test kit and tested sample shall be handle carefully to avoid further contamination.
- e) The test cassette, the buffer and swab shall be used within 5min after opening the foil package. Do not open it without planned experiment.
- f) Do not use component from other sources, otherwise the result is not valid.
- g) The kit is designed for single use, do not use repeatedly.

2. Principle and application

The kit is based on immunochromatographic assay to detect brucellosis antibody in serum, which is rapid, accurate and easy-to-operate.

3. Kit Components

- a) Test Cassette, 10 pcs,
- b) Sample buffer, 10 pcs,
- c) Disposable pipette, 10 pcs,
- d) Kit instruction, 1 pc

4. Sample Preparation

Plasma, Serum:Collect 0.5-1 ml of blood with blood collecting tube,put with some slope at room temperature, wait until the yellow liquid is observed, then centrifuge the mixture at room temperature for 2 minutes in the speed of 5000 rpm or put it at 4°C.The yellow supernate will act as the sample.

5. Test Steps

- a) Take the needed test cassette, plastic pipette.
- b) Take the supernate with plastic pipette provided in the kit.

R202009 1 / 2

Ringbio

- c) Add 50 µl of serum into the sample buffer, mix fully.
- d) Add 100 µl of sample buffer with the plastic pipette into the sample well on the test card
- e) Wait for 15-20 minutes at room temperature, then observe the results.

Note: Result over 20 min will be invalid.

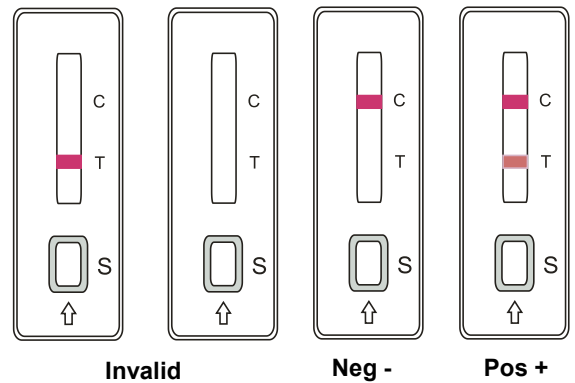
6. Result interpretation

There are 2 lines on the cassette, Control Line (Line C) and Test Line (Line T). Line C is used for quality control.

INVALID Line C is invisible, please run the test again with new cassette.

NEGATIVE Only Line C is visible, Line T is not visible.

POSITIVE Line C and Line T are both visible.



7. Sensitivity and specificity

The kit is 95% sensitive to brucellosis antibody, the specificity is 100%.

The kit does NOT detect brucellosis antigens.

8. Limitation of the methodology

- The kit is for screening purpose and on-site test. Positive result shall be further confirmed by PCR and/or other official methodologies. Diagnosis of brucellosis shall be determined by the vet, considering both clinical symptom and laboratory test.
- Negative result indicates that there is not brucellosis antibody in the tested sample, but if acute symptom were observed, we cannot exclude the possibility of brucellosis infection.

9. Storage and validity

The kit is valid for 12 months when stored at 2-30°C in dry and dark place. Do not freeze. Avoid direct sunlight.

Production date and expiry information are printed on the package.