

BRUCELLA ANTIGEN RAPID TEST CARD
MANUAL

Brucella Antigen Rapid Test Card

Catalogue Number. IP100162

Principle

The Brucella antigen rapid test card, using colloidal gold immuno-chromatographic method, to detect the Brucella antigen. After the sample is added to the "S" well, it is moved along the chromatographic membrane together with the colloidal gold-labeled anti-BSP monoclonal antibody. If a BSP antigen is present in the sample, it binds to the antibody on the test line to display wine red. If the BSP antigen is not present in the sample, no color reaction occurs.

Technical specifications

25 tests/kit

Components

1	Brucella antigen rapid test card	25 pieces
2	Cotton Swab	40 pieces
3	Sample buffer	1 bottle
4	Dropper	40 pieces
5	Manual	1 piece

Sample preparation

Whole blood

Collect fresh blood and test immediately; for anticoagulated whole blood, test on the same day;

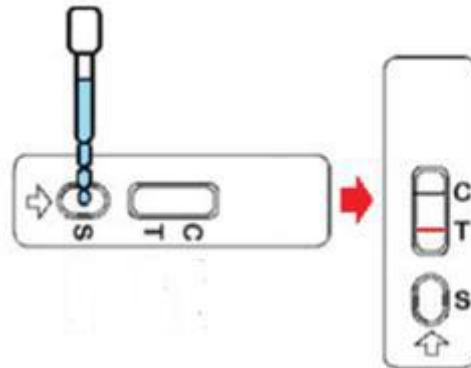
Serum

Collect blood, put at 37°C for 1-2h, until blood coagulation, then centrifuge at 3000r/min for 5-10min, separate the serum. The serum can store for 2-3 days at 4°C, for long term storage, store at -20°C in frozen.

Operation procedures

1. Read the manual carefully and return the test card, sample into room temperature 15~25°C before use.
2. Sample collection: Saliva was collected with a cotton swab. Immediately insert the cotton swab into the tube containing the sample buffer, repeatedly rotate the cotton swab on the tube wall at least 10 times, and mix it evenly to dissolve the sample as much as possible in the buffer. Squeeze the cotton swab on the wall of the tube above the liquid level to allow the liquid to be squeezed out as much as possible and discard the cotton swab.
3. Open the package, take out test card, put it on desk flatly.

4. Use the supplied dropper to absorb the up-layer clear bright liquid, drop 3~4 drops (about 100ul) into "S" hole on test card.
5. Wait for 10min and read the results, result is invalid beyond 15 min.



Result Interpretation

negative (-) : no color reaction on Test Line (T Line), only on Control Line (C Line) being seen red color reaction. It means there is no Brucella Ab in sample or the levels are lower than the detection threshold;

Positive (+) : Both on T Line and C line being seen red color reaction. It means there is Brucella Ab in sample;

Invalid: No color reaction on C Line. It means the operation is wrong or the test card is invalid.

Notice

- 1) The test card can be used only once at room temperature, do not reuse or use test card out of expiry date.
- 2) Return all reagents and sample into room temperature before use. Use the test card soon after opening the package.
- 3) Do not use water or other liquid as negative control.
- 4) Replace at the purchasing place if out of date, bad package or pollution.
- 5) Be careful when preparing sample, wear glove and mask.
- 6) The whole blood needs to add anticoagulants, not frozen; serum sample can store in frozen, avoid repeated freezing and thawing.
- 7) This product is only for in vitro rapid diagnostic veterinary use, cannot be quantified, do only qualitative testing.
- 8) Please contact the supplier for any questions.
- 9) The product test results are for reference only, for confirmation, please refer to the relevant national standard methods.

Storage: store at 2-30°C, dark, sealed, dry place, no frozen..

Expiry date: 24 months; date of production is on box.