

**BOVINE AND GOAT BRUCELLA ANTIBODY
RAPID TEST KIT
MANUAL**

Bovine And Goat Brucella Antibody Rapid Test Kit

Catalogue Number. IP100149

Principle

This test card is based on fast immuno-chromatography technique to detect Brucella Ab in bovine goat, pet and pig serum, plasma and whole blood qualitatively. When testing Brucella Ab in sample combine with antigen coated by colloid gold forming complexes, moving forward to the other head. When reaching the T-line, the specific antigen on the membrane capture the complexes and appear a T line, C line appears, means the test is valid. The T line appears, means there is Brucella Ab in the sample.

Components

1	Brucella test cassette	25 pieces
2	Dropper	25 pieces
3	Buffer	25 pieces
4	Manual	1 piece

Sample Preparation

1. Whole blood

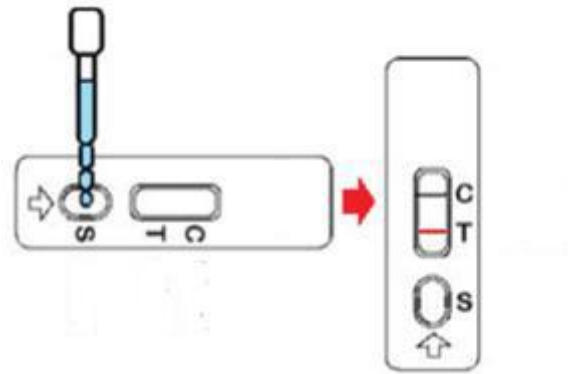
Collect anti-coagulated whole blood, use for that very day;

2. Serum

Collect blood, put at 37°C for 1-2h, take the supernatant, centrifuge at 1500r/min for 10 min 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 and sample to room temperature before use.
2. Take out test card, use dropper to absorb the sample, drop 1 drop of sample into buffer, mix evenly, then take 2-3 drops into well mark "S"; when the sample quantity is small, can use Micropipette to transfer 5ul sample into well mark "S" first, then add 2-3 drops of buffer to the well.
3. Read the results in 15min at room temperature.



Test Result Interpretation

1. **Negative (-)** : no color reaction on Test Line (T Line), only on Control Line (C Line) being seen red reaction. It means there is no Brucella Ab in sample or the levels are lower than the detection threshold;
2. **Positive (+)** : Both on T Line and C line being seen red color reaction. It means there is Brucella Ab in sample;
3. **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.
3. Be careful when prepare sample, wear glove and mask.
4. The whole blood need add anticoagulants, not frozen; serum sample can store in frozen, avoid repeated freezing and thawing.
5. This product is only for in vitro rapid diagnostic veterinary use, can not be quantified, do only qualitative testing.
6. The product test results for reference only, for confirmation, please refer to the relevant national standard methods.

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

Expiry date: 12 months; date of production is on box.