

**BOVINE BRUCELLA ANTIBODY  
RAPID TEST  
MANUAL**

## Bovine Brucella Antibody Rapid Test

**Catalogue Number. IP100146**

### **Technical Specifications**

Specifications: 40 tests/kit

### **Principle**

This test strip is based on fast immuno-chromatography technique to detect Brucella Ab in bovine 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	test cassette	25 pieces
2	Dropper	25 pieces
3	Buffer	25 pieces
4	Manual	1 piece

### **Sample Preparation**

#### **1. Whole blood**

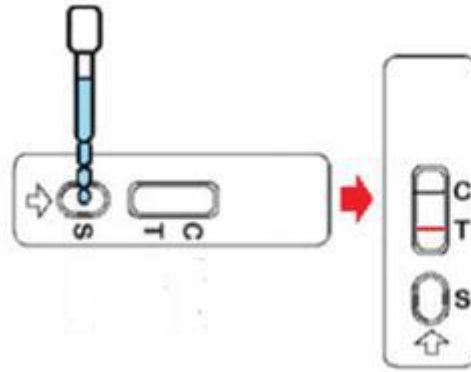
Collect anticoagulated whole blood, use for that very day;

#### **2. Serum**

Collect blood, put at 37°C for 1-2h, take the supernatant, centrifuge at 1500r/min for 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 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 color 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 preparing sample, wear glove and mask.
- 4) The whole blood needs anticoagulants, not frozen; serum sample can be stored frozen, avoid repeated freezing and thawing.
- 5) This product is only for in vitro rapid diagnostic veterinary use, cannot be quantified, do only qualitative testing.
- 6) The product test results are for reference only, for confirmation, please refer to the relevant national standard methods.

**Storage:** Store at 4-30 °C in dark, sealed, dry place, no frozen.

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