

**FMD TYPE A ANTIGEN RAPID TEST CARD
MANUAL**

FMD Type A Antigen Rapid Test Card For Bovine, Goat And Porcine

Catalogue Number. IP100154

Principle

This test strip is based on fast immuno-chromatography technique to detect foot-and-mouth disease type A antigen in bovine, goat and pig serum, plasma and whole blood qualitatively. When testing, FMD Ag in sample combine with antibody coated by colloid gold forming complexes, moving forward to the other head. When reaching the T-line, the specific antibody on the membrane capture the complexes and appear a T line. C line is Control line, C line appears, means the test is valid.

Technical Specifications

Specifications: 40 tests/kit

Components

1	FMD Type A antigen test cassette	40 pieces
2	Dropper	40 pieces
3	Manual	1 piece

Sample preparation

1. Whole blood

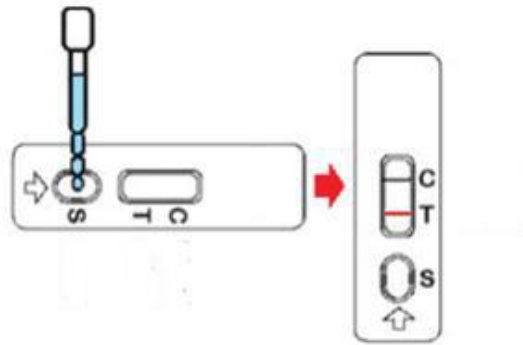
Collect anticoagulated whole blood, use for that very day;

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 2-3 drops into well mark "S"; or use Micropipette to transfer 70ul sample into well mark "S"
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 FMD type A Ag in sample or the level is lower than the detection threshold;
- 2. Positive (+)** : Both on T Line and C line being seen red color reaction. It means there is FMD type A Ag 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 4-30 °C in dark, sealed, dry place, no frozen.

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