

**PESTE DES PETITS RUMINANTS (PPR)
VIRUS ANTIBODY
RAPID TEST CARD
MANUAL**

Peste Des Petits Ruminants (PPR) Antibody Rapid Test Card

Catalogue Number. IP100151

Principle

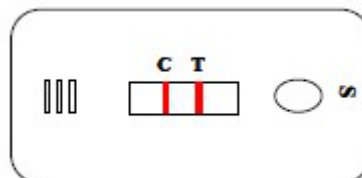
This rapid test is an immuno-chromatographic test, using colloidal gold immunoassay method, to detect the antibody against PPR virus in whole blood, serum. After adding sample, the sample move along with the colloidal gold labeling PPR antigen, is there is PPR antibody in the sample, it combines with antigen on T line and show wine-red color; if there is no PPR antibody, then no color reaction.

Components

1	PPR Ab test card	40 pieces
2	Dropper	40 pieces
3	Disposable gloves	1 pair
4	Manual	1 piece

Test Procedures

1. Collect whole blood, separate serum (centrifuge at 2000-3000 r/min for 5~15min or separate out naturally at 4°C overnight), or take whole blood with anticoagulants as sample. Take whole blood without anticoagulants as sample is also OK, but must test it immediately.
2. Open the package, take out test card, put it on clean, flat desk.
3. Use dropper to absorb the sample, adding 3 drops sample into “S” mark well slowly drop by drop.
4. Judge the result in 10-20 min, it is invalid beyond 20min.



Test Result Interpretation

1. **Positive:** control line and test line are both seen wine red, the more the antibody exist, the thicker the color appear;
2. **Negative:** only control line is seen wine red;
3. **Invalidation:** control line isn't seen wine red.

Consults For Diagnosis

1. If not inoculated by the bacteria against PPR virus:
 - a. test line don't appear visible wine red show there are no antibodies against PPR virus in tested samples, if the animal are healthy, it is better to vaccinate in time;
 - b. test line appear visible wine red show the animal was infected with wild virus, should be more observed to validate.

2. if have been inoculated by the bacteria against PPR virus:
 - a. the color of test line show no clear color, it means the vaccine immune do not produce protected antibody, it has risk of infected wild virus, suggest having vaccine replant.
 - b. the color of test line is clear, it means the vaccine has produced protected antibody. If appear infected sign, it may appear immune failure, appear infected PPR.

Notice

1. Do not use test card out of date and bad package;
2. Do not use pure water, running water and normal saline as negative control;
3. Store at room temperature (< 30°C) is OK. If store in cool, need return to room temperature firstly, then open package, avoid moisture. Use the test card as soon as possible after open the package.
4. Do not touch the white membrane surface in the middle of test card.
5. To ensure the test quality, take fresh, unpolluted sample. If there is a lot of blood lipids, it will affect the result, so after centrifuge, take serum to test, avoid fat. If the blood or serum is sticky or not enough, use normal saline to dilute at same dilution factor to dilute, then to test.
6. If the serum can not be tested immediately, store at 4°C for short time (in 48hours), store at below -20°C for long-tern storage

Storage: Store at 2 - 30°C.

Expiry date: The shelf life is 24 months.