

Small Ruminant Plague Virus Antibody Test Kit

[Background]

Peste des petits ruminants, PPR, also known as sheep plague, is an acute viral infectious disease caused by peste des petits ruminants virus, which mainly infects small ruminants such as goats and sheep. The product can quickly determine the situation of peste des petits ruminants antibody in animals through immunochromatographic experiments on serum or plasma samples and detection of peste des petits ruminants specific antibody, thereby providing reference for clinical diagnosis of peste des petits ruminants.

[Detection principle]

This product adopts rapid immunochromatography assay for the detection of antibodies against peste des petits ruminants. After the sample is added into the sample adding hole of the detection card, if the peste des petits ruminants antibody exists in the sample, the antibody can specifically combine with the peste des petits ruminants antigen marked by the colloidal gold to form a compound which moves along the chromatographic membrane and is captured by the peste des petits ruminants antigen pre-coated on the chromatographic membrane to form a wine-red detection line at the position of the clam shell t. If there were no antibodies to peste des petits ruminants in the sample, no visible line would be formed at the T position. In addition, a C-line was also designed in this system to verify the effectiveness of the experiment. The line shall be coloured either negative or positive, otherwise it shall be declared invalid.

[Product Structure]

Peste des petits ruminants virus antibody test kit (50 bags/ box)

Dropper (1 pc/bag)

Desiccant (1 pc/bag)

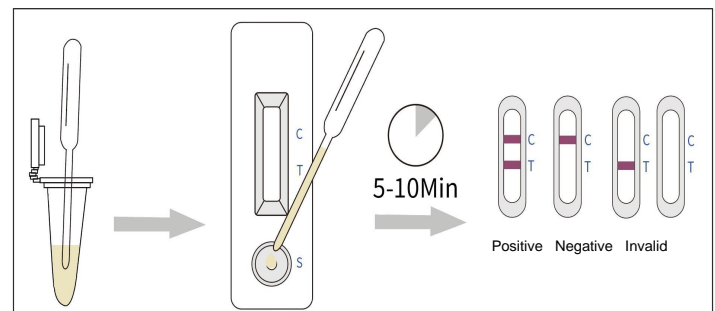
Instruction (1 pc/box)

[Usage]

Please read the operating instructions carefully before testing, and restore the test card and the sample to be tested to

room temperature of 15–25°C.

1. Fresh blood was collected and serum or plasma was isolated and samples were kept free of turbidity or sediment. Note: Serum samples should not be subjected to any dilution, as this would greatly reduce the sensitivity.
2. Take out a piece of test card pocket and tear open, take out the test card, make it level on the operation platform.
3. Into sample well "S", add 2-3 drops (approximately 70-100 μ L) of sample.
4. Observations within 5-10 minutes, invalid after 15 minutes.



[Result judgment]

* Positive (+): The wine red bands of control line C and detection line T indicated that the sample contained peste des petits ruminants antibody.

* Negative (-): No coloration on the test T-line indicates that the sample did not contain peste des petits ruminants antibody.

* Invalid: No QC Line C or Whiteboard present indicating incorrect procedure or invalid card. Please retest.

[Precautions]

1. Please use the test card within the guarantee period and within one hour after opening;
2. When testing to avoid direct sunlight and electric fan blowing;
3. Try not to touch the white film surface in the center of the detection card;

4. Sample dropper cannot be mixed, so as to avoid cross contamination;
5. Do not use sample diluent that is not supplied with this reagent;
6. After the use of detection card should be regarded as microbial dangerous goods processing;

[Application limitations]

This product is an immunological diagnostic kit, and is only used to provide qualitative test results for clinical detection of animal diseases. If there is any doubt about the test results, please use other diagnostic methods (PCR, pathogen isolation test, etc.) to further analyze the detected samples for diagnosis. Consult your local veterinarian for pathological analysis.

[Storage and expiration]

This product should be stored at 2°C–40°C in a cool, dry place away from light and not frozen; Valid for 24 months. See the outer package for the expiration date and batch number.