

# Classical Swine Fever Virus Antibody Test Kit (CSFV Ab)

## [Background]

The invention discloses a classical swine fever virus antibody rapid detection card, which is a transverse flow immunochromatographic assay for qualitative detection of classical swine fever virus antibody (CSFV Ab) in pig serum or plasma samples.

Test time: 5-10 minutes

Specimens: serum and plasma specimens.

## [Detection principle]

This product uses rapid immunochromatography assay for the detection of antibodies to classical swine fever virus. The sample is added into a sample adding hole of that detection card, and if a classical swine fever virus antibody exists in the sample, the antibody can specifically combine with a colloidal gold-labeled antigen to form a compound which moves along the chromatographic membrane and is captured by the coated classical swine fever virus antibody on the chromatographic membrane to form a wine red detection line at the position of the clam shell t. Used to observe assay runs and result readings. In the absence of classical swine fever virus antibody in the sample, no visible line was 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 composition]

Classical swine fever antibody test kit (50 bags/ box)

Dropper (1 pc/bag)

Desiccant (1 pc/bag)

Diluent (50 bottles/box, 1.0mL/ bottle)

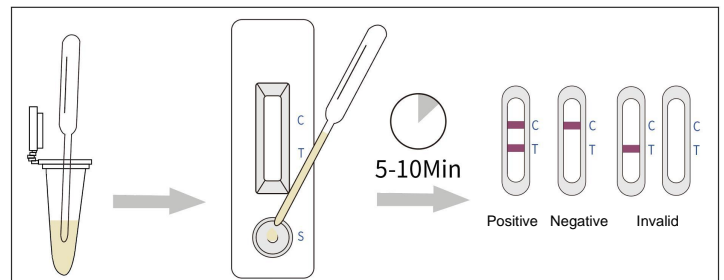
Instruction (1 pc/box)

## [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. Collect fresh serum or plasma samples and ensure the samples are free of turbidity or sediment.
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. Slowly add 2-3 drops (approximately 80-100uL) of serum or plasma to Sample Well "S" using a pipette.
4. Observations within 5-10 minutes, invalid after 15 minutes.



## [Result judgment]

\* Positive (+): The presence of wine red bands in both control line C and detection line T indicated that the sample contained classical swine fever virus antibody.

\* Negative (-): No color developing on the T-ray indicates that the sample does not contain any antibody against classical swine fever virus.

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

## [Precautions]

1. This product is a disposable in vitro rapid detection card, can not be reused.
2. This product is sensitive to extreme temperature, not frozen.
3. This product is extremely sensitive to humidity, if not immediately use, don't tear open aluminum foil bag packaging. Please use it as soon as possible after unpacking, and it cannot exceed one hour.
4. Please confirm that the blood collection equipment used in the blood collection process is a disposable blood collection equipment. If the blood collection equipment is a reusable blood collection equipment, it must be sterilized before being used by the next pig.
5. Need to come into contact with the animal blood in the test, try to wear gloves to use, and after the test in accordance

with the provisions, properly handle the blood samples and related materials.

**[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 results of the test, please use other diagnostic methods (PCR, pathogen isolation test, etc.) to make further analysis and diagnosis of the detected samples. 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.