INTENDED USE

The CSFV Ab Test is a lateral flow immunochromatographic assay for the qualitative detection of Classical Swine Fever Virus Antibody (CSFV Ab) in pig's serum, or plasma specimen.

Assay Time: 5-10 minutes

Specimen: serum, plasma specimen.

PRINCIPLE

The CSFV Ab Test is based on sandwich lateral flow immunochromatographic assay. The test device has a testing window for the observation of assay running and result reading. The testing window has an invisible T (test) zone and a C (control) zone before running the assay. When the treated sample was applied into the sample well on the device, the liquid will laterally flow through the surface of the test strip and react with the pre-coated CSFV antigens. If there are anti-CSFV antibodies in the specimen, a visible T line will appears. The C line should always appear after a sample is applied, which indicates a valid result. By this means, the device can indicate the presence of Classical Swine Fever Virus antibodies in the specimen.

REAGENTS AND MATERIALS

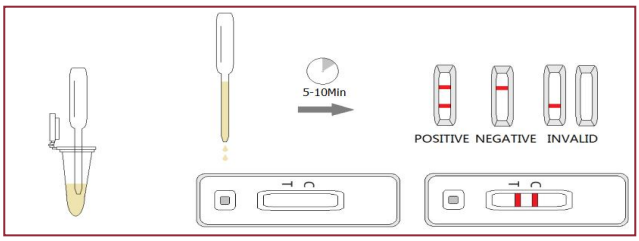
- 10 test pouches, with cards and disposable droppers
- 1 package insert

STORAGE AND STABILITY

The kit can be stored at room temperature (2-30°C). The test kit is stable through the expiration date (18 months) marked on the package label. DO NOT FREEZE. Do not store the test kit in direct sunlight.

TEST PROCEDURE

- Collect pig's fresh whole blood, and get the serum or plasma specimen for use. Immediately apply the testing once collected the specimen.
- Take out the test device from the foil pouch and place it horizontally.
- Place 3 drops (approx. 120μL) of serum or plasma specimen into the assay sample well "S".
- Interpret the result in 5-10 minutes. Result after 10 minutes is considered as invalid.



INTERPRETATION OF RESULTS

- Negative: Only clear C band appear. No T band. It indicates that the titer of CSFV antibody in the specimen is below 1:16.
- Positive: The presence of both "C" line and zone "T" line. It indicates that the titer of CSFV antibody in the specimen is above 1:16. The deeper the color, the higher the titer.
- Invalid: No colored band appears in C zone. No matter if T band appears.

PRECAUTIONS

- All reagents must be at room temperature before running the assay.
- Do not remove test cassette from its pouch until immediately before use.
- Do not use the test beyond its expiration date.
- The components in this kit have been quality control tested as standard batch unit. Do not mix components from different lot numbers.
- All specimens are of potential infection. It must be strictly treated according to the rules and regulations by local states.

LIMITATION

CSFV Ab Test is for *in vitro* veterinary diagnosis use only. The result is considered as qualitative result. If quantitative result is required, other method such as ELISA should be carried. .

Manufacturer:
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