

# Swine Fever Virus Antigen

**AffIVET® Rapid Test Kit**

**AFG-VGS-65**

**40 Tests**



# Material Required

(40) CSFV Antigen Test cards

(40) Droppers

(01) User Manual

## Storage & Expiry Date

- 1) Store the test kit at 4 to 30°C in dark, sealed, dry place. **DO NOT FREEZE.**
- 2) The expiry date is 12 months from the production date, which is indicated on the box.

# Test Principle

The AffiVET® Test Strip applies a colloidal gold immunochromatography technique for qualitative detection of Swine Fever Virus antigen in porcine serum, plasma, and whole blood.

During testing, the Swine Fever Virus Antigen in the sample interacts with monoclonal antibodies coated with colloidal gold, forming complexes that migrate across the strip.

Upon reaching the T-line, specific antibodies on the membrane capture the complexes, resulting in the appearance of a T line.

The presence of both the Test line (T line) and the control line (C line) indicates a positive test result.



# Sample Collection & Preparation

## Whole blood

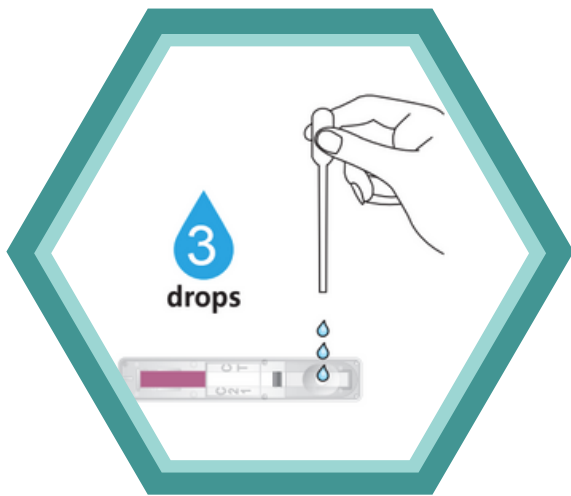
- Collect anticoagulated whole blood.
- Test the same day.

## Serum

- Collect blood and keep at 37°C for 1-2h.
- Take the supernatant and centrifuge at 1500r/min for 10min then separate the serum.
- The serum can be stored for 2-3 days at 4°C.
- For long term storage, freeze at -20°C.

# Test Procedure

- 1) Read the manual carefully.
- 2) The test card and the sample need to be at room temperature before use.
- 3) Take out the test card.



4) Use the dropper to absorb the sample.

5) Drop 2 to 3 drops into the well marked with "S", or use Micropipette to transfer 70  $\mu$ L of the sample into well mark "S".



6) Read the results in 5 to 10 min at room temperature.

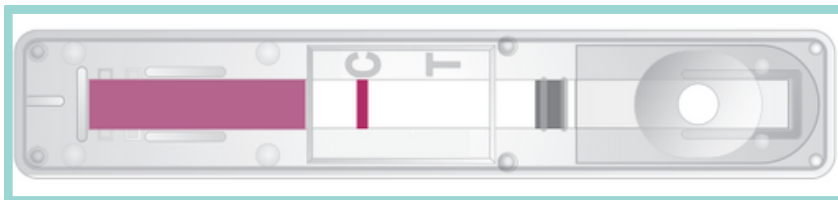
7) The result is invalid after 15 min.

# Result Interpretation

## Negative Result

- Presence of C-Line
- Absence of T-Line

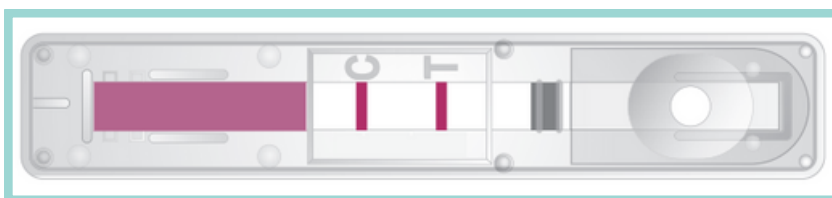
**This means there is no Swine Fever Virus Antigen in sample or the level is lower than the detection threshold.**



## Positive Result

- Presence of C-Line
- Presence of T-Line

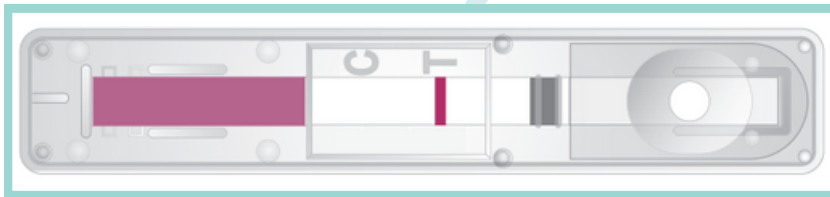
**This confirms the presence of the Swine Fever Virus Antigen in sample.**



# Result Interpretation

## Invalid Result

- Absence of C-Line
- Presence of T-Line



- Absence of C-Line
- Absence of T-Line



**This means that the procedure was not applied correctly or that the test is invalid.**

# Cautions

- The test card can only be used when brought to room temperature.
- Don't reuse the test card or use it after the expiry date.
- Bring the sample and all the reagents to room temperature before use.
- When the test card is unsealed, please use it as soon as possible.
- Take precaution while preparing the sample. Gloves and mask are required.
- The whole blood needs to be collected in anticoagulant tube.
- Don't freeze the whole blood.
- The serum sample can be stored frozen but avoid repeated freezing and thawing.
- This product is only for in vitro rapid diagnostic veterinary use.
- This is a qualitative test. It is not quantitative.
- The test results are for reference only. For confirmation, please refer to the relevant national standard methods.

## Contact us

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