

## **CSFV Ag Rapid Test Kit**

### **Product code: T31011**

**Product name:**

CSFV Antigen Rapid Test Kit

**Detection principal:**

The CSFV antigen rapid test kit is based on double antibody sandwich immunochromatographic assay, to detect swine fever virus in serum. When the sample is added into the wells of plate, the CSF Ag will react with the monoclonal antibody in colloidal gold, then the antigen-antibody complex will be formed, which will flow along the strip to the other end of NC membrane. When the complex flows to the T zone on the membrane, the specific monoclonal antibodies fixed on the membrane capture the complex to form a visible T line. At the same time, the unbound complex flows through the T zone and is captured by the secondary antibody in C zone to form the quality-control line C. This rapid test kit can be used to detect the swine virus in serum and vaccine.

**Kit components:**

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>
1	CSFV Ag Rapid Test Kit	20
2	Sample diluent	1
3	Sample dilution plate	1
4	Instructions	1

**Directions:**

- Sample preparation: Swine serum was obtained by routine serological isolation. No pretreatment procedure for CSFV vaccine.
- Sample dilution: The treated swine serum and swine fever vaccine samples were diluted with sample dilution solution in the ratio of 1:1.
- Test steps: Read the instructions before experiment. Bring the test kit and samples to room temperature. Take out required wells and strips from the bottle, and make proper marks. Please use the test strips as soon as possible.
- Add sample: Take 100ul of the sample diluent into the microwell, incubate at 20-25°C. The strong positive result will be determined within 5-10 min, the result will be invalid when the time is beyond 20 min.

**Result interpretation:**

- The color result of the strip can be determined by the naked eye or the reader.
- Negative: Line C has color, and Line T has no color.
- Positive: Line C has color, and Line T has color, the deeper the color of Line T is, the more positive the sample is.
- Invalid: If Control line does NOT appear, this indicates that the result is invalid. Users please check the kit insert again and repeat the assay with new test strip.

**Notes:**

- Check the kit package carefully and read this instruction through to confirm the validity of the kit, and the appearance of the package. Only valid kit can be used.
- If any damage or leakage were found, please contact your vendor for replacement. Do not use in test unless otherwise agreed by the vendor.
- All sample collected may be contagious, please handle carefully according to local laws and regulations. Used test kit and tested sample shall be handle carefully to avoid further contamination.
- The test cassette, the buffer and swab shall be used within 10min after opening the foil package. Do not open it without planned experiment.
- Do not use component from other sources, otherwise the result is not valid.
- The kit is designed for one single use, do not use repeatedly.

**Specifications:**

20 pieces/package

**Storage and period of validity:**

- 2-8°C in cool dark place, do not freeze. The kit is valid for 12 months after manufacture date.
- Lot number and expired date are printed on the package.

**Manufacturer Information**

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