

Classical Swine Fever Virus (CSFV) RNA Detection Kit (Fluorescent PCR Method)

Classical swine fever virus (CSFV) is an enveloped single-stranded, positive-sense RNA virus that belongs to the Pestivirus genus of the Flaviviridae family. CSFV causes classical swine fever (CSF), which is characterized by high fever, leukopenia, extensive haemorrhage, convulsion, and constipation or diarrhoea and presents high morbidity and mortality.

It is an infectious disease that poses a serious threat to the pig industry. Therefore, rapid and accurate diagnosis of CSFV is very important. Tianlong Classical Swine Fever Virus (CSFV) RNA Detection Kit can assist in the diagnosis of CSF and help public healthcare management.

FEATURES



Confidence in results

Only 40 minutes for detection of Classical Swine Fever Virus (CSFV), covering CSFV genotype I, II, III



Various Specimen

Compatible with multiple sample types, including cell free body fluid sample, whole blood, serum or tissue sample



Real-time RT-PCR based CSFV detection

Provides a rapid test solution that detects CSFV with a high degree of sensitivity and specificity



User-friendly

Widely applicable in instruments with FAM and Cy5 channels



Providing Integrated Solution

Highly efficient and reliable, Tianlong integrated PCR lab solution from devices to reagents can ensure great compatibility and minimized errors

DATA INTERPRETATION

Figure 1: Gradient concentration CSFV amplification curve

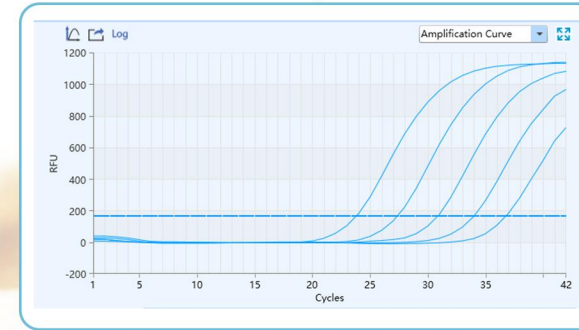
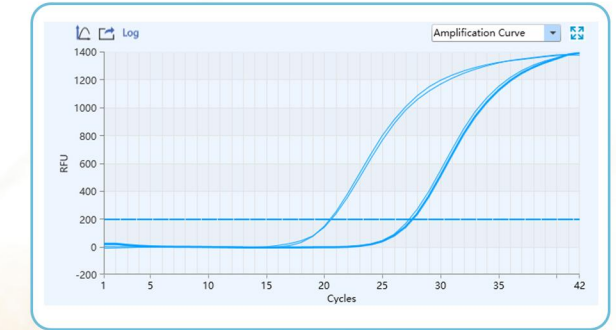


Figure 2: High concentration and low concentration CSFV repetitive amplification curve



ORDERING INFORMATION

Product Name	Classical Swine Fever Virus (CSFV) RNA Detection Kit (Fluorescent PCR Method)	
Cat.No	P274H	P674H
Specification	25T/Kit	50T/Kit
Specimen	Cell free body fluid sample, whole blood, serum or tissue sample	
Sensitivity	500 copies/mL	
Storage & Validity	-25~-15°C for 12 months	
Precision	< 5%	
Applicable Equipment	Instruments with FAM and Cy5 channels, such as Tianlong Gentier Real-time PCR systems, Applied Biosystems 7500 Real-time PCR Systems	

ASSAY WORKFLOW

