

○ Virus

● swine fever virus

The 5'-UTR region of Classical swine fever virus (CSFV), the causative agent of Classical swine fever, was detected by ultra-rapid real-time RT-PCR

○ Instruments and reagents

- GeneSoC® mini R
- GeneSoC® mini PCR chips
- GeneSoC® RT-PCR Master Mix

○ Primers and Probes

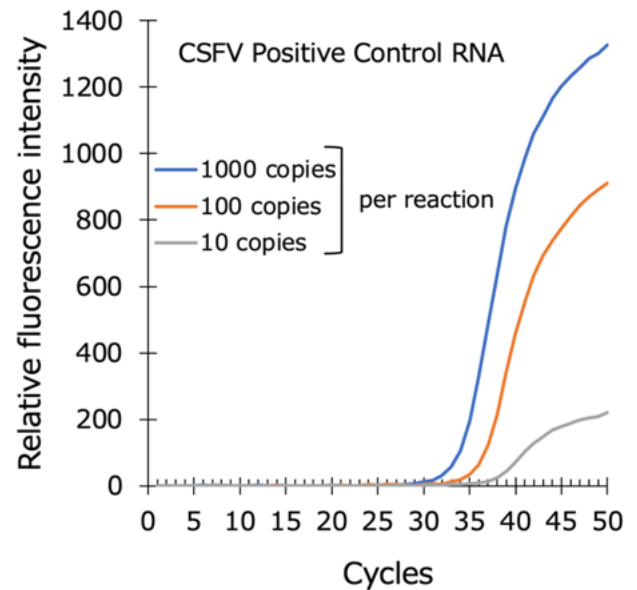
PLoS One. 2013;8(7):e71019.

○ Template

Synthetic RNA (derived from the CSFV The 5'-UTR region)

Related Products

- Ultra-rapid real-time PCR system GeneSoC® mini R
- GeneSoC® mini PCR chips
- GeneSoC® RT-PCR Master Mix



○ PCR Protocol

RT	42	60	1
HS	98	5	
DN	98	1.8	50
AE	65	3.6	

(Time required: approx. 10 minutes)

- HS : Hot Start
- DN : Denature
- AE : Annealing / Extension

※ For more detailed experimental conditions, please contact us.



Ultra-rapid real-time PCR system

GeneSoC® mini R

<https://genesoc.jp/en/application-note/>



Palm-sized PCR device

