

○ Virus

● Adenovirus

Genomic DNA of Adenovirus (Adv) was detected by ultra-rapid real-time PCR.

○ Instruments and reagents

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

○ Primers and Probes

Applied Biosystems™

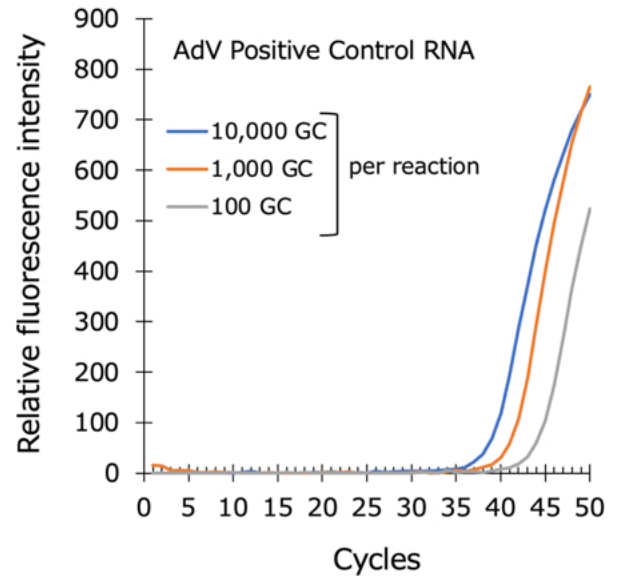
- TaqMan™ Microbe Assay Type 2
Assay ID: Vi99990001_po
Gene Symbol: Human mastadenovirus B and others

○ Template

Adenovirus genomic DNA

Related Products

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



Abbreviations : GC, genome copies

○ PCR Protocol

| | Temp.(°C) | Time(sec) | Cycle |
|----|-----------|-----------|-------|
| HS | 98 | 5 | 1 |
| DN | 98 | 3 | 50 |
| AE | 65 | 8 | |

(Time required: approx. 13 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

