

## ○ Bacteria

## ● Escherichia coli O157 (EHEC) genomic

We detected the *eae* gene (intimin), which is essential for intestinal mucosal adherence of enterohemorrhagic Escherichia coli O157 (EHEC), using ultra-rapid real-time PCR.

## ○ Instruments and reagents

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

## ○ Primers and Probes

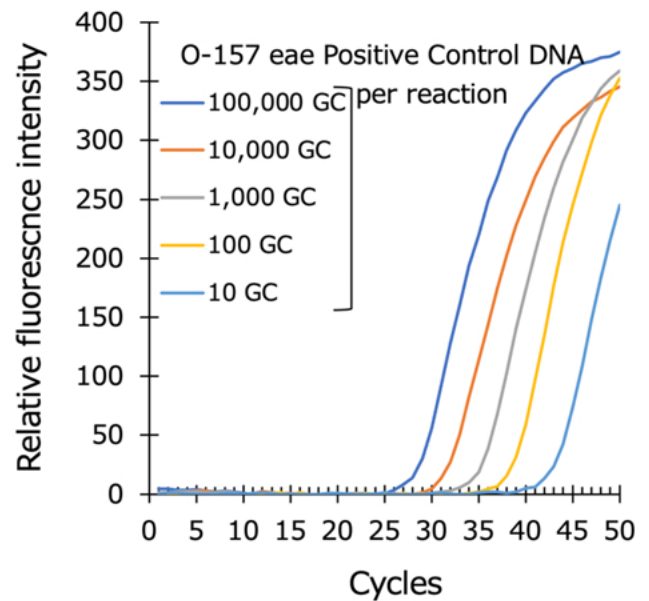
J Appl Microbiol. 2009 Feb;106(2):410-20.

## ○ Template

Genomic DNA of Escherichia coli O157:H7

## Related Products

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



Abbreviations : GC, genome copies

## ○ 測定プロトコール【所要時間：約10分】

	Temp.(°C)	Time(sec)	Cycle
HS	96	5	1
DN	96	3	50
AE	60	4	

(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

