

빠른 타사

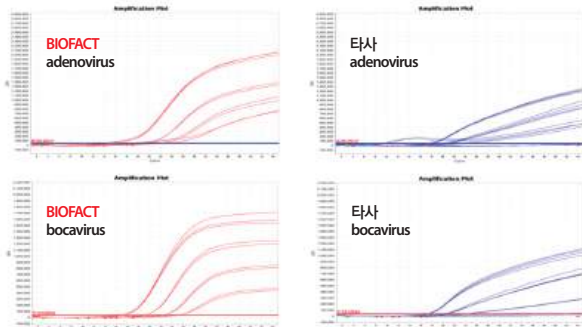
FastFACT™ Real-Time PCR

FEATURE

- 빠른 Real-Time PCR 과정에도 높은 효율과 재현성
- 2hr → 45min
- Hot start Taq DNA polymerase와 RTase 사용
- 다양한 Real-Time PCR 기기에 적용 가능
- Carryover contamination 방지를 위한 UDG System 적용
- 높은 증폭 효율과 민감도로 Multiplex Probe 사용 가능
- SYBR® Green I 등 Intercalating dye 적용

QC DATA

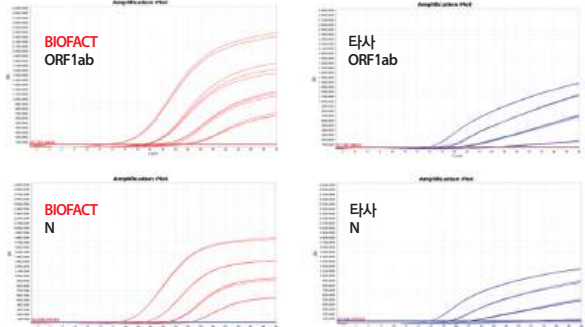
Template 농도별 타사 제품과 증폭 효율 비교 (FAST Real-Time qPCR)



Sample : Viral DNA (adenovirus, bocavirus)

Gene	△ Ct Value	10 ⁶ copies	10 ⁵ copies	10 ⁴ copies	10 ³ copies
adeno virus	BIOFACT	16.62	20.71	23.28	26.41
	타사	17.84	20.63	23.83	N/A
boca virus	BIOFACT	17.50	21.50	24.82	27.81
	타사	17.83	21.10	24.51	N/A

Template 농도별 타사 제품과 증폭 효율 비교 (FAST Real-Time qRT-PCR)



Sample : Viral RNA (COVID-19 virus)

Gene	△ Ct Value	10 ⁶ copies	10 ⁵ copies	10 ⁴ copies	10 ³ copies
ORF1ab	BIOFACT	17.10	21.82	24.29	27.75
	타사	18.76	21.21	24.12	29.76
N	BIOFACT	18.33	22.00	25.90	29.34
	타사	18.70	21.94	25.24	33.95

Cat.No.	Product	Size
FDQ387-40h	FastFACT™ 2X Real-Time PCR Master Mix including SYBR® Green I, w/o Rox reference dye	1 mL x 4 ea
FDQ388-40h	FastFACT™ 2X Real-Time PCR Master Mix including SYBR® Green I, with low Rox reference dye	1 mL x 4 ea
FDQ389-40h	FastFACT™ 2X Real-Time PCR Master Mix including SYBR® Green I, with high Rox reference dye	1 mL x 4 ea
FDQ301-25h	FastFACT™ 2X qPCR Master Mix (For Probe)	0.5 mL x 5 ea
FRQ301-10h	FastFACT™ 2X qRT-PCR Master Mix (For Probe, UDG System)	1 mL x 1 ea
FRQ301-50h	FastFACT™ 2X qRT-PCR Master Mix (For Probe, UDG System)	1 mL x 5 ea