

Axen™ qPCR Master Mix

Axen™ qPCR Master Mix (2X, Probe 또는 SYBR Green) 제품은 고순도 프리미엄 항체 기반의 Hot-start *Taq* DNA Polymerase를 사용하여 최적화된 버퍼 시스템으로 구성된 2X PCR Master Mix 형태로 제공됩니다. 다양한 Real-time PCR 실험 방식에 따라 적합한 제품을 선택할 수 있으며, 최적화된 버퍼 조성을 통해 Real-time PCR 반응 시 비특이적 증폭을 최대한 억제하여 정확한 유전자의 정량 분석이 가능합니다. 높은 Processivity를 통해 Fast PCR Protocol을 설정할 수 있으며, 빠르고 재현성 있는 결과를 얻을 수 있습니다.

제품 특징

Fast

빠르고 정확한 정량 분석 및
미량 유전자 검출 가능

Optimization

최적화된 버퍼 조성을 통해 비특이적 증폭
최소화 (UDG 또는 Low LOX 포함)

Reproducibility

반복적인 PCR 반응을 통해
재현성 있는 정량 분석 가능

제품 응용

- Quantification of genomic and complementary DNA
- Profiling of gene expression
- Detection of microbial and viral pathogens
- SNP genotyping

검출 방식에 따른 Real-time PCR 결과 (Probe 및 SYBR Green)

1. TaqMan Probe

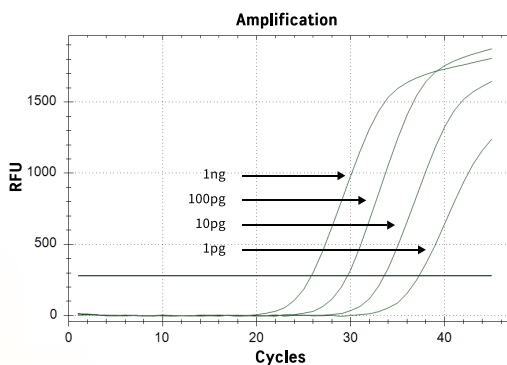


Figure 1.

Linear detection of Axen™ qPCR Master Mix (for Probe). Real-time amplification plot from a 10-fold dilution series of a HeLa cDNA with starting amounts of 1ng amplified.

- Target gene : Human β -actin (95bp)

2. SYBR Green

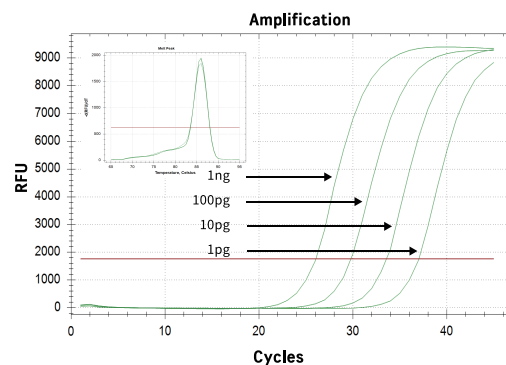


Figure 2.

Linear detection of Axen™ qPCR Master Mix with SYBR Green. Real-time amplification plot from a 10-fold dilution series of a HeLa cDNA with starting amounts of 1ng amplified.

- Target gene : Human β -actin (95bp)

제품 주문 정보

Product	Cat. No.	Quantity
Axen™ qPCR Master Mix (2X, Probe)	MG-E-012-3	3 mL
Axen™ qPCR Master Mix (2X, SYBR Green)	MG-E-013-3	3 mL

Axen™ Product list

Cat. No.	제품명	용량	단위	가격 (₩)
MG-E-001-500	Axen™ Taq DNA Polymerase	500	unit	82,000
MG-E-001-1000		1,000	unit	161,000
MG-E-002-500	Axen™ H Taq DNA Polymerase	500	unit	148,000
MG-E-002-1000		1,000	unit	292,000
MG-E-003-250	Axen™ High-Q DNA Polymerase	250	unit	186,000
MG-E-003-500		500	unit	365,000
MG-E-004-5	Axen™ Taq PCR Master Mix (2X)	5	ml	90,000
MG-E-005-5	Axen™ H Taq PCR Master Mix (2X)	5	ml	135,000
MG-E-006-5	Axen™ High-Q PCR Master Mix (2X)	5	ml	360,000
MG-E-007-5	Axen™ Taq PCR Master Mix (2X, with dye)	5	ml	90,000
MG-E-008-5	Axen™ H Taq PCR Master Mix (2X, with dye)	5	ml	137,000
MG-E-009-5	Axen™ High-Q PCR Master Mix (2X, with dye)	5	ml	362,000
MG-E-012-3	Axen™ qPCR Master Mix (2X, Probe)	3	ml	117,000
MG-E-013-3	Axen™ qPCR Master Mix (2X, SYBR Green)	3	ml	128,000
MG-E-014-3	Axen™ One-step RT-qPCR Master Mix (2X, Probe)	3	ml	330,000
MG-E-015-300	Axen™ One-step RT-qPCR Master Mix (SYBR Green)	300	rxn	368,000
MG-W-001	Axen™ Conical Tube 50ml (500ea/box)	1	box	110,000
MG-W-002	Axen™ Conical Tube 15ml (500ea/box)	1	box	80,000
MG-E-010-1	Axen™ Proteinase K Solution (20mg/ml)	1	ml	50,000
MG-E-010-5		5	ml	150,000
MG-E-011-1	Axen™ dNTP Mix (10 mM each)	1	ml	50,000
MG-E-011-5		5	ml	150,000