



ELIZYME GREEN MIX ADDROX

Advantages

- Non-PCR inhibiting intercalating dye for better signal
- Rapid extension rate for early Ct values
- Increased limit of detection
- Compatible with all real-time PCR platforms - standard and fast cycling conditions

Applications

- Absolute quantification
- Relative gene expression analysis
- High-throughput qPCR from genomic, cDNA and viral sequences
- Low copy number target genes
- Specific amplification from complex templates (e.g. GC/AT-rich)

Availability

- NoROX with separate ROX dye (mix without ROX but the ROX dye is included separately with the mix and can be added according to your needs – check the table for compatibility with your instrument)



ELIZYME GREEN MIX ADDROX KIT

Intercalating dye used in **EliZyme Green MIX AddROX** does not inhibit qPCR. Primer-dimer formation and non-specific amplification are avoided by hot-start technology. **EliZyme Green MIX AddROX** can be used to quantify any DNA template.

EliZyme Green MIX AddROX is compatible on all real-time PCR platforms, under standard and fast cycling conditions.

For higher comfort is mix without ROX. The ROX dye is included separately with the mix and can be added according to your needs.

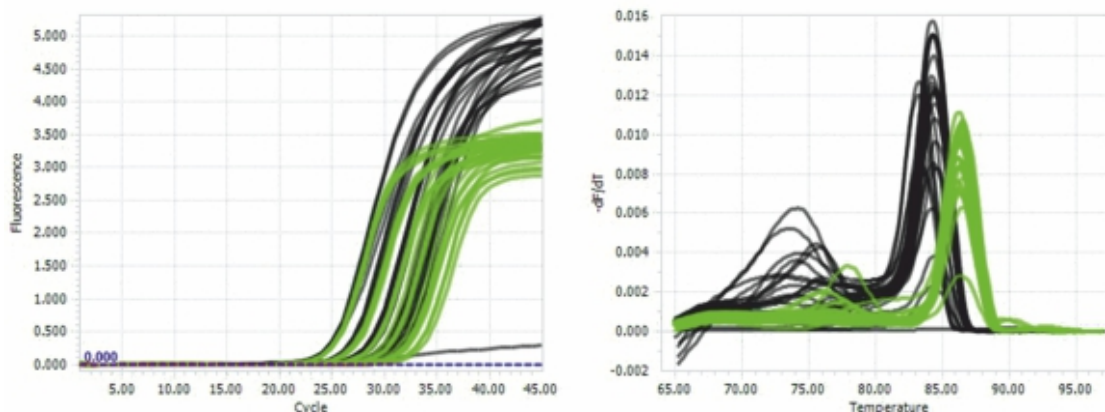


Figure A

Amplification and melt analysis of ACTG1 mouse housekeeping gene. A 3 fold dilution series from template was used. Fast cycling conditions: initial denaturation at 95 °C for 3 minutes, 45 cycles of denaturation at 95 °C for 3 seconds and annealing/extension at 60 °C for 10 seconds. Under fast cycling conditions **EliZyme Green MIX AddROX** shows better sensitivity than competitor "A". Black – competitor "A", Green – **EliZyme Green MIX AddROX**.

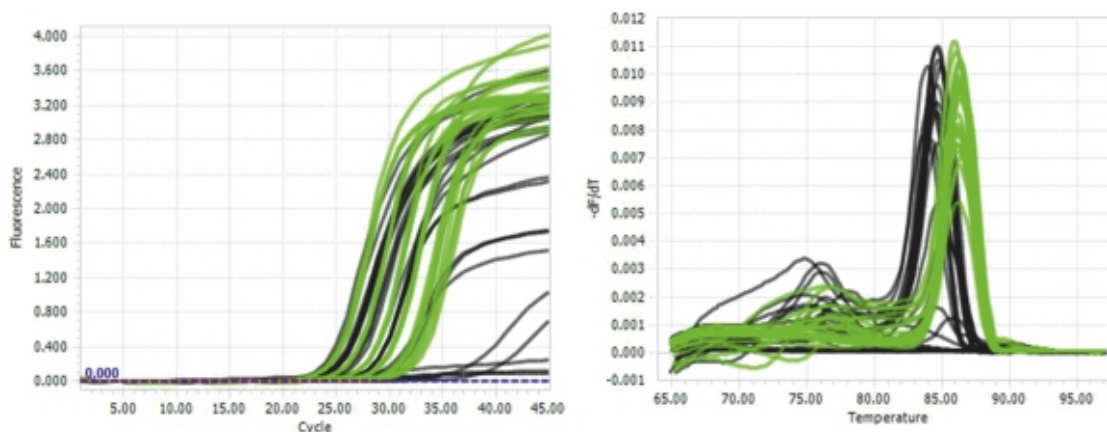


Figure B

Amplification and melt analysis of PGK1 mouse housekeeping gene. A 3 fold dilution series after extra preincubation at 50 °C was used. Fast cycling conditions: extra preincubation at 50 °C for 10 minutes, initial denaturation at 95 °C for 3 minutes, 45 cycles of denaturation at 95 °C for 3 seconds and annealing/extension at 60 °C for 10 seconds. Under fast cycling conditions **EliZyme Green MIX AddROX** shows better sensitivity than competitor "A" and less primer-dimer formation, indicating better hot-start technology. Black – competitor "A", Green – **EliZyme Green MIX AddROX**.

AVAILABLE KITS

	Ref. No.	Content	Pack Size
EliZyme Green MIX AddROX	EZ4601	1 x 1 ml mix + 1 x 150 µl ROX	100 rxns
	EZ4605	5 x 1 ml mix + 1 x 150 µl ROX	500 rxns
	EZ4614	2 x 7 ml mix + 3 x 150 µl ROX	1400 rxns