



EliZyme™

ELIZYME PROBE MIX ADDROX

Advantages

- High efficiency in multiplex reactions
- 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
- TaqMan®, Scorpions® and molecular beacon probes
- Low copy number target genes
- Multiplex or singleplex

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 PROBE MIX ADDROX KIT

EliZyme Probe MIX AddROX is designed for all probe based real-time PCR assays including TaqMan®, molecular beacons and Scorpions® probes. **EliZyme Probe MIX AddROX** is suitable for a multiplex assay or genotyping experiment. It allows efficient amplification of GC-rich and AT-rich templates. Primer-dimer formation and non-specific amplification are avoided by inhibitor technology.

EliZyme Probe 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.

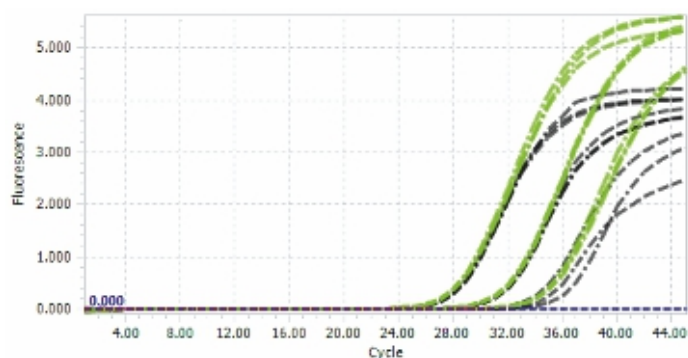


Figure A

The gActin gene was used for singleplex experiments and progress was measured by fluorescence probe. cDNA created from mouse liver RNA was used as template at three concentrations, with three replicates at each concentration. **EliZyme Probe MIX AddROX** displayed higher fluorescence intensity. Cycling conditions: initial denaturation at 95 °C for 2 minutes, 45 cycles of denaturation at 95 °C for 5 seconds and annealing/extension at 60 °C for 30 seconds. Black – competitor "A", Green – **EliZyme Probe MIX AddROX**.

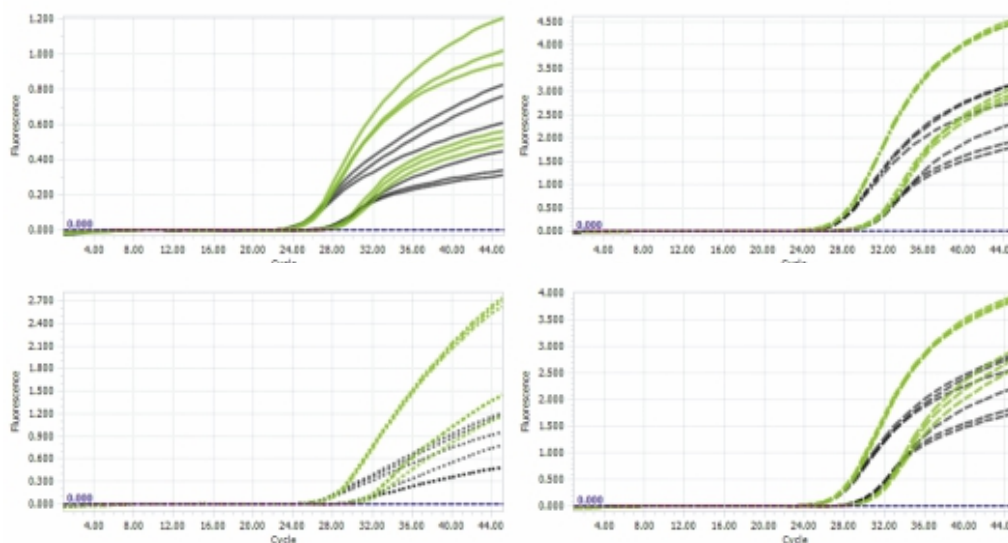


Figure B

Four different targets were amplified together, with four different TaqMan probes. **EliZyme Probe MIX AddROX** equaled or outperformed competitor "A" in amplification time and signal strength. Cycling conditions: initial denaturation at 95 °C for 3 minutes, 45 cycles of denaturation at 95 °C for 5 seconds and annealing/extension at 60 °C for 30 seconds. **EliZyme Probe MIX AddROX** shows better sensitivity than competitor "A", indicating better hot-start technology. Black – competitor "C", Green – **EliZyme Probe MIX AddROX**.

AVAILABLE KITS

	Ref. No.	Content	Pack Size
EliZyme Probe MIX AddROX	EZ4701	1 x 1 ml mix + 1 x 150 µl ROX	100 rxns
	EZ4705	5 x 1 ml mix + 1 x 150 µl ROX	500 rxns
	EZ4714	2 x 7 ml mix + 3 x 150 µl ROX	1400 rxns