



ELIZYME ONES PROBE KIT

Advantages

- Thermostable reverse transcriptase 45 °C to 55 °C
- RNase inhibitor
- Rapid extension rate for early Ct values
- Increased limit of detection
- Hot-start technology with antibody

Applications

- Absolute quantification
- Relative gene expression analysis
- Low copy number target genes
- TaqMan®, Scorpions® and molecular beacon probes
- Multiplex or singleplex

Availability

- Mix with transcriptase
- Without ROX
- Compatible on the following real-time PCR platforms (CFX96, ECO, iCycler, LC 480, LC 96, LC nano, MyGo, Piko Real, Rotor-Gene 6000, Rotor-Gene Q, SmartCycler etc.)



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EliZyme OneS Probe Kit includes components for efficient reverse transcription and qPCR in a single tube. MMLV reverse transcriptase (RTase) is thermostable, highly active and has RNase inhibitor. **EliZyme OneS Probe Kit** is used for quantification of total RNA, mRNA, and viral sequences. The RTase is not inhibited by ribosomal and transfer RNAs.

EliZyme OneS Probe Kit is designed for all probe based real-time PCR assays including TaqMan[®], molecular beacons and Scorpions[®] probes. Primer-dimer formation and non-specific amplification are avoided by hot-start technology.

EliZyme OneS Probe Kit is compatible on real-time PCR platforms that do not require addition of ROX as passive reference dye, under standard and fast cycling conditions.

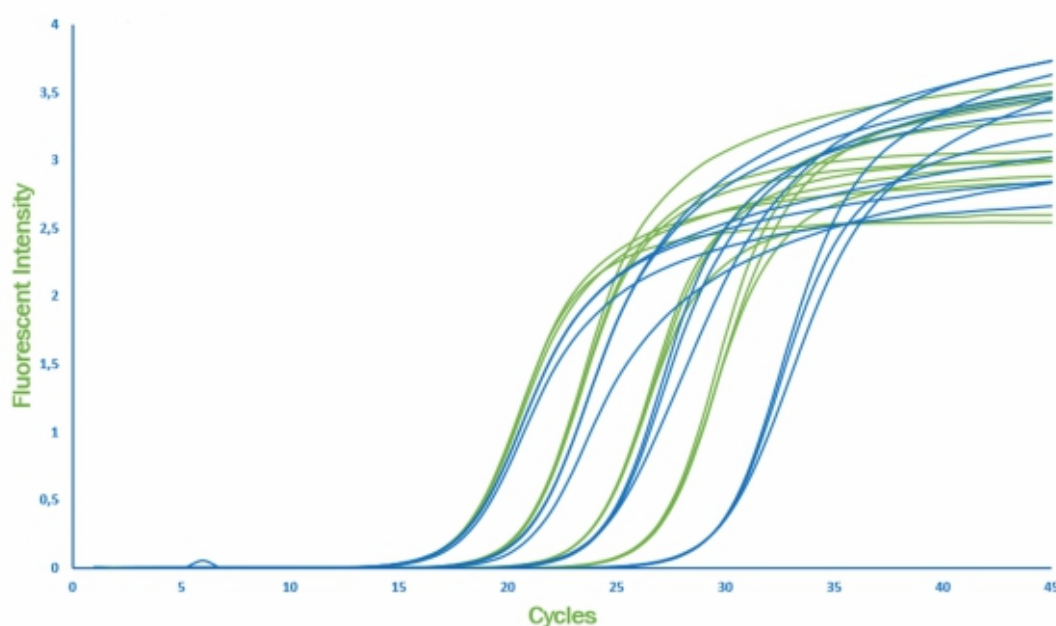


Figure A

Amplification with TaqMan[®] probe of mouse gene ACTB using mouse liver total RNA as template in triplicate. Template concentrations are 4 serial dilutions ranging from 250 ng to 250 pg total RNA. Cycling conditions: reverse transcription at 45 °C for 10 minutes, initial denaturation at 95 °C for 3 minutes, 45 cycles of denaturation at 95 °C for 10 seconds and annealing/extension at 60 °C for 30 seconds. **EliZyme OneS Probe Kit** shows high efficiency over a broad dynamic range. Blue – competitor "A", Green - **EliZyme OneS Probe Kit**.

AVAILABLE KITS

	Ref. No.	Content	Pack Size
EliZyme OneS Probe Kit	EZ7701	1 x 1 ml mix + 1 x 0,1 ml transcriptase	100 rxns
	EZ7707	7 x 1 ml mix + 1 x 0,7 ml transcriptase	700 rxns
	EZ7714	2 x 7 ml mix + 2 x 0,7 ml transcriptase	1400 rxns