
Certificate of Analysis

Product Name/Description:	Fast Probe qPCR Mix, with UNG		
Cat. #:	TCH006		
Lot#:	Specified on product label		
Storage Conditions:	-20°C		
Expiration Date:	Specified on product label or package		
Package Size:	200 Rxns		
Package Contents:	1. Fast Probe qPCR Mix (2X), with UNG	2X	1 ml x 5
	2. ROX Reference Dye	50X	200 µl
	3. ROX Reference Dye II	50X	200 µl

Note:

Components "ROX Reference Dye" and "ROX Reference Dye II": Protect from light.

Quality Control Data:

PCR performance test:

- 1). Consistent amplification was observed in real-time PCR using cDNA mixture synthesized from human testis total RNA as a template.
- 2). When PCR was performed using a template containing dUTP, a decrease in template was observed due to the effect of UNG.

Hot start test:

Inhibition of the DNA polymerase activity by antibody was confirmed by comparing the results of PCR using reaction mixtures that had been previously heated and not heated.
