

Certificate of Analysis

Product Name/Description: Fast Probe qPCR Mix, with UNG

Cat. #: TCH010

Lot#: Specified on product label

Storage Conditions: -20°C

Expiration Date: Specified on product label or package

Package Size: 40 Rxns

Package Contents:	1. Fast Probe qPCR Mix (2X), with UNG	2X	1 ml
	2. ROX Reference Dye	50X	40 µl
	3. ROX Reference Dye II	50X	40 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.