

Certificate of analysis

Product Name/Description: PrimeScript™ High Fidelity RT-PCR Kit
Cat. #: R022A
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 50 Rxns

Package Contents:	1. PrimeScript RTase (for 2 step)		25 µl	
	2. 5X PrimeScript Buffer		200 µl	
	3. RNase Inhibitor	40 U/µl	25 µl	
	4. dNTP Mixture	10 mM each	50 µl	
	5. Oligo dT Primer	2.5 µM	50 µl	
	6. Random 6 mers	20 µM	50 µl	
	7. PrimeSTAR Max Premix (2X)		625 µl	x 2
	8. Control F-1 Primer	20 µM	10 µl	
	9. Control R-1 Primer	20 µM	10 µl	
	10. Positive Control RNA	2x10 ⁵ copies/µl	20 µl	
	11. RNase Free dH2O		1 ml	

Quality Control Data:

RT-PCR test using Positive Control RNA:

RT reaction was performed using each of the following primers (Oligo dT Primer, Random 6 mers, and Control R-1 Primer) and Positive Control RNA as a template. Following 30 cycles of PCR using Control primers and each of the RT reactants as a template, each of the PCR reactants was analyzed by agarose gel electrophoresis. It was confirmed that an expected fragment (462 bp) was amplified by the PCR.

RT-PCR test using HL60 total RNA:

RT reaction was performed using Oligo dT Primer and HL60 total RNA as a template. Following 30 cycles of PCR using TFR gene-specific primers and the RT reactant as a template, the PCR reactant was analyzed by agarose gel electrophoresis. It was confirmed that an expected fragment (4 kbp) was amplified by the PCR.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:
www.takara-bio.co.jp (Japanese)
www.takarabio.com (English)

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