

# Certificate of analysis

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**Product Name/Description:** PrimeScript™ Double Strand cDNA Synthesis Kit  
**Cat. #:** 6111A  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 10 Rxns

<b>Package Contents:</b>	1. PrimeScript RTase	200 U/μl	10 μl	
	2. RNase Inhibitor	40 U/μl	10 μl	
	3. Oligo (dT)18 Primer	1 μg/μl	20 μl	
	4. Random Primer (9 mer)	0.3 μg/μl	20 μl	
	5. 5X 1st Strand Synthesis Buffer		40 μl	
	6. dNTP Mixture	10 mM each	40 μl	
	7. E. coli RNase H/E. coli DNA Ligase Mixture		20 μl	
	8. E. coli DNA Polymerase I	20 U/μl	20 μl	
	9. 5X 2nd Strand Synthesis Buffer		300 μl	
	10. T4 DNA Polymerase	1 U/μl	40 μl	
	11. RNase free dH2O		600 μl	x 2
	12. Control RNA	1 μg/μl	5 μl	

**Quality Control Data:**

Synthesis of 1st strand cDNA and 2nd strand cDNA was performed using poly (A) tailed RNA as templates and Oligo (dT)18 Primer or Random Primer (9 mer) supplied in the kit according to the User Manual. It was confirmed by agarose gel electrophoresis that the expected cDNAs were synthesized and that the target fragment (10 kbp) was contained in the 2nd strand cDNAs synthesized by using Oligo (dT)18 Primer.

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](http://www.takara-bio.co.jp) (Japanese)

[www.takarabio.com](http://www.takarabio.com) (English)

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