

Certificate of analysis

Product Name/Description: TaKaRa One Step RNA PCR Kit (AMV)
Cat. #: RR024A
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. AMV Reverse Transcriptase XL	5 U/μl	50 μl	
	2. RNase Free dH ₂ O		1 ml	x 2
	3. RNase Inhibitor	40 U/μl	50 μl	
	4. AMV-Optimized Taq	5 U/μl	50 μl	
	5. 10X One Step RNA PCR Buffer		250 μl	
	6. dNTP Mixture	10 mM each	250 μl	
	7. MgCl ₂	25 mM	500 μl	
	8. Control F-1 Primer	20 μM	25 μl	
	9. Control R-1 Primer	20 μM	25 μl	
	10. Positive Control RNA	2x10 ⁵ copies/μl	25 μl	

Quality Control Data:

RT-PCR test:

RT-PCR was performed using the Positive control RNA and the Control primers. Following 28 cycles of PCR, the reactants were analyzed by agarose gel electrophoresis.

1) Positive control RNA check: Comparing this lot with the previous lot by RT-PCR test, there was no significant difference in amplification size (462 bp) and yield of fragments.

2) DNA contamination check: No fragments was observed in reactants without AMV RTase.

16S rDNA contamination test:

No amplified product was observed in reactants without template.

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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