

# Certificate of analysis

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**Product Name/Description:** TaKaRa RNA LA PCR™ Kit (AMV) Ver.1.1  
**Cat. #:** RR012A  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 100 Rxns

|                          |   |                             |        |
|--------------------------|---|-----------------------------|--------|
| <b>Package Contents:</b> | 1. AMV Reverse Transcriptase XL                 | 5 U/μl                      | 50 μl  |
|                          | 2. RNase Inhibitor                              | 40 U/μl                     | 25 μl  |
|                          | 3. Random 9 mers                                | 50 pmol/μl                  | 50 μl  |
|                          | 4. Oligo dT-Adaptor Primer                      | 2.5 pmol/μl                 | 50 μl  |
|                          | 5. RNase Free dH2O                              |                             | 1 ml   |
|                          | 6. TaKaRa LA Taq                                | 5 U/μl                      | 25 μl  |
|                          | 7. M13 Primer M4                                | 20 pmol/μl                  | 50 μl  |
|                          | 8. 10X RNA PCR Buffer                           |                             | 120 μl |
|                          | 9. 10X LA PCR Buffer II (Mg <sup>2+</sup> free) |                             | 500 μl |
|                          | 10. dNTP Mixture                                | 10 mM each                  | 150 μl |
|                          | 11. MgCl <sub>2</sub>                           | 25 mM                       | 1 ml   |
|                          | 12. Control R-1 Primer                          | 20 pmol/μl                  | 25 μl  |
|                          | 13. Control F-1 Primer                          | 20 pmol/μl                  | 25 μl  |
|                          | 14. Positive Control RNA                        | 2x10 <sup>5</sup> copies/μl | 25 μl  |

**Quality Control Data:**

RT-PCR test:

cDNA was synthesized with Oligo dT-Adaptor Primer, Random 9mers, or Control R-1 primer using Positive Control RNA as a template.

Following 28 cycles of PCR with Control primers using each RT reactant as a template, the final reactants were analyzed by agarose gel electrophoresis. Comparing this lot and the previous lot by the RT-PCR test, there was no significant difference in size and yield of the amplified products.

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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