

# Certificate of analysis

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**Product Name/Description:** PrimeSTAR® Max DNA Polymerase  
**Cat. #:** R045A  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 100 Rxns

**Package Contents:** 1. PrimeSTAR Max Premix (2X) 625 µl x 4

**Note:** Storage condition: Excessively repeated freeze-thaw cycles may decrease the enzyme activity.

**Quality Control Data:**

PCR test:

1) Good amplification performance was confirmed by PCR with human genomic DNA as a template (amplified fragment: 0.5, 1, 2, 3, and 4 kbp).

2) Good amplification sensitivity was confirmed by PCR with a plasmid DNA as a template (amplified fragment: 4 kbp).

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.

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)

**Licence Statements:**

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