

Certificate of Analysis

Product Name/Description: PrimeSTAR® HS DNA Polymerase

Cat. #: R010A

Lot #: Specified on product label

Storage Conditions: -20 degrees C

Expiration Date: Specified on product label or package

Package Size: 250 U

Package Contents:	1. PrimeSTAR HS DNA Polymerase	2.5 U/μl	250 U	
	2. 5X PrimeSTAR Buffer (Mg ²⁺ plus)		1 ml	x 2
	3. dNTP Mixture	2.5 mM each	800 μl	

Product Documents: Documents for Takara Bio products are available for download at www.takara-bio.com

Quality Control Data:

PCR test:

Good performance of this product was confirmed by PCR using λDNA (amplified fragments: 8, 10, 12, and 15 kbp) and human genomic DNA (amplified fragment: 0.5, 1, 2, 4, 6, and 8 kbp) as templates.

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 above specifications.

Manager, Quality Assurance
TAKARA BIO INC.

Limited Use Label License & Patent Marking:

[M54] This product is covered by the claims of U.S. Patent No. 7,704,713 and its foreign counterparts.

[P1] Use of this product is covered by one or more of the following US patents and corresponding patent claims outside the US: 5,789,224, 5,618,711, 6,127,155 and claims outside the US corresponding to expired US Patent No. 5,079,352. The purchase of this product includes a limited, non-transferable immunity from suit under the foregoing patent claims for using only this amount of product for the purchaser's own internal research. No right under any other patent claim, no right to perform any patented method, and no right to perform commercial services of any kind, including without limitation reporting the results of purchaser's activities for a fee or other commercial consideration, is conveyed expressly, by implication, or by estoppel. This product is for research use only. Diagnostic uses under Roche patents require a separate license from Roche. Further information on purchasing licenses may be obtained by contacting the Director of Licensing, Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404, USA.

Safety Information :

Please refer to our website for safety information :

<http://www.takara-bio.com>

Notice To Purchaser :

This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

Also, do not use this product as food, cosmetic, or household item, etc.

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<http://www.takara-bio.com>

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