

Product name/Description: TaKaRa EpiTaq™ HS (for bisulfite-treated DNA)

Cat. #: R110A

Lot #: Specified on product label

Storage Condition: -20 degrees C

Expiration Date: Specified on product label or package

Package Size: 250 U

Package Contents:	1. TaKaRa EpiTaq HS	5 U/μl	250 U
	2. 10X EpiTaq PCR Buffer (Mg ²⁺ free)		1 ml
	3. dNTP Mixture	2.5 mM each	1.2 ml
	4. 25 mM MgCl ₂		1.2 ml

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

Unit Definition: One unit of the enzyme is defined as the amount that incorporates 10 nmol of dNTP into acid-insoluble products in 30 minutes at 74°C, with activated salmon sperm DNA as the template-primer.

Quality Control Data:

- 1) Good performance of DNA amplification by PCR was confirmed using λDNA as a template according to the User Manual (amplified fragment size: 8 kbp).
- 2) Good performance of DNA amplification by PCR was confirmed using a template containing dUTP according to the User manual (amplified fragment size: 148 bp).
- 3) Inhibition of Taq DNA polymerase activity by the antibody was confirmed using the enzyme solution with or without heat treatment prior to PCR.

It is certified that this product meets above specifications.

Manager, Quality Assurance
TAKARA BIO INC.

Limited Use Label License & Patent Marking:

[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>

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