

# Certificate of analysis

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**Product Name/Description:** TaKaRa EpiTaq™ HS (for bisulfite-treated DNA)  
**Cat. #:** R110A  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 250 U

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

**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 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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