

# Certificate of analysis

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**Product Name/Description:** CycleavePCR™ Core Kit  
**Cat. #:** CY501  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 50 Rxns

<b>Package Contents:</b>	1. 10X CycleavePCR Buffer		125 µl
	2. dNTP Mixture	2.5 mM each	150 µl
	3. Mg solution	25 mM	250 µl
	4. TaKaRa Ex Taq® HS	5 U/µl	12.5 µl
	5. Tli RNase H II	200 U/µl	25 µl
	6. Positive Control	1x10 <sup>4</sup> copies/µl	10 µl
	7. Positive Control primer mix		10 µl
	8. Positive Control probe (FAM)	25X	10 µl
	9. dH2O		700 µl

**Note:** Storage condition of component "Positive Control probe (FAM)": Store in the dark

**Quality Control Data:**

Real-time PCR amplification check and contamination check:  
 Real time PCR test was performed according to the user manual. Expected amplification was observed by performing real-time PCR using Positive Control supplied in this product. Comparing this lot with the previous lot by real-time PCR, there was no significant difference in Ct value and in fluorescent intensity. No amplification was observed using dH2O instead of the Positive Control.

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:**

Please visit our website and click the "license" button on the product's web page.

**L4**

This product is for measurement of amplification detection for research use only in life sciences research, industrial and environmental testing (including food industry, but excluding bio-terrorism and bio-warfare), non-human animal diagnostic testing, forensic testing and providing services to third parties who do not use the services for the purpose of (a) providing patient management or care, and in which the results of such services are not included in patient records and (b) providing bio-terrorism or bio-warfare testing; and specifically excluding, without limitation: (I) any human clinical, therapeutic or diagnostic uses and animal clinical and therapeutic uses (including any use of the results of any testing performed with any product for patient management or care, or the use of the results of the services for patient management or care) and (II) any research or services where the results of any test or assay are used for patient management, care or otherwise in making therapeutic or treatment decisions for a patient.

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