

# Certificate of analysis

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**Product Name/Description:** TaKaRa PCR Amplification Kit  
**Cat. #:** R011  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 100 Rxns

<b>Package Contents:</b>	1. TaKaRa Taq	5 U/ $\mu$ l	50 $\mu$ l
	2. dNTP Mixture	2.5 mM each	1.28 ml
	3. 10X PCR Buffer (Mg <sup>2+</sup> plus)		1 ml
	4. 10X PCR Buffer (Mg <sup>2+</sup> free)		1 ml
	5. MgCl <sub>2</sub>	25 mM	1 ml
	6. Control Template	1 $\mu$ g/ml	100 $\mu$ l
	7. Control Primer 1	20 pmol/ $\mu$ l	50 $\mu$ l
	8. Control Primer 2	20 pmol/ $\mu$ l	50 $\mu$ l
	9. Control Primer 3	20 pmol/ $\mu$ l	50 $\mu$ l
	10. $\lambda$ -EcoT14 I Marker	100 ng/ $\mu$ l	40 $\mu$ l
	11. 6X Loading Buffer		1 ml

**Quality Control Data:**

PCR test:

Good performance was confirmed by PCR using Control Template ( $\lambda$ DNA) and Control Primers in this product. (amplified fragments: 6 kbp and 0.5 kbp). By comparing this lot and the previous lot, the amplification showed no significant difference.

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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