

Certificate of Analysis

Product name/description :

TaKaRa Ex Taq™

Package Contents : 250 units x 4

Code No : RR001B

1. *TaKaRa Ex Taq™* (5 units/μl) 50 μl

Lot No : KA4501BA

2. 10X *Ex Taq™* Buffer (Mg²⁺ plus) (20 mM Mg²⁺) 1 ml/vial

Storage Condition : -20 degrees C

3. dNTP Mixture (2.5 mM of each dNTP) 800 μl/vial

Shipping Condition : -20 degrees C

Expiration Date : September 2012

Quality Control Data :

Purity : Nicking activity, endonuclease and exonuclease activity were not detected after the incubation of 0.6 μg of supercoiled pBR322 DNA, 0.6 μg of λDNA or 0.6 μg of λ-*Hind* III digest with 10 units of this enzyme for 1 hour at 74°C.

PCR test :

- 1) Good performance of DNA amplification by Polymerase Chain Reaction (PCR) was confirmed by using λDNA as the template (amplified fragment : 20 kb).
- 2) Good performance of DNA amplification of a β-globin gene by PCR was also confirmed by using human genomic DNA as the template (amplified fragment : 17.5 kb).

It is certified that this product meets above specifications.

Approved By:

Yoshiko Kubota
 Manager, Quality Assurance
 TAKARA BIO INC.

Safety Information :

Please refer to our website (*) for safety information :

(*)Japanese customers : <http://www.takara-bio.co.jp>

Other country's customers : <http://www.takara-bio.us>

Notice To Purchaser :

This product is intended to be used for research purpose only. They are not to be used for drug or diagnostic purposes, nor are they intended for human use. They shall not to be used products as food, cosmetics, or utensils, etc.

Takara products may not be resold or transferred, modified for resale or transfer, or used to manufacture commercial products without written approval from TAKARA BIO INC.

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Other country's customers : <http://www.takara-bio.com> or <http://www.takara-bio.us>

Country of origin : China