

Certificate of analysis

Product Name/Description:	DNA Polymerase I (E. coli)		
Cat. #:	2130A		
Lot #:	Specified on product label		
Storage Conditions:	-20 degrees C		
Expiration Date:	Specified on product label or package		
Package Size:	500 U		
Package Contents:	1. DNA Polymerase I (E. coli)	5 U/ μ l	500 U
	2. 10X E. coli DNA Polymerase I Buffer		1 ml
Source:	Escherichia coli carrying the plasmid which encodes the gene of Pol I		
Unit Definition:	One unit of the enzyme is the amount that incorporates 10 nmol of total nucleotides into acid-insoluble products in 30 minutes at 37°C and pH 7.4, with poly d(A-T) as the template and primer.		
Quality Control Data:	Endonuclease contamination test: Endonuclease activity was not detected by agarose gel electrophoresis after incubation of 1 μ g supercoiled pBR322 DNA with 10 units of this enzyme for 1 hour at 37°C.		
	Purity test: This enzyme was more than 90% homogeneous as judged by SDS-polyacrylamide gel electrophoresis.		

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 (Japanese)
www.takarabio.com (English)

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