

Certificate of analysis

Product Name/Description: Exonuclease III
Cat. #: 2170A
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 5000 U

Package Contents:

1. Exonuclease III	200 U/μl	5000 U
2. 10X Exonuclease III Buffer		1 ml

Source: Escherichia coli BE 257/pSGR 3

Unit Definition: One unit of the enzyme is defined as the amount that produces 1 nmol of acid-soluble DNA fragments in 30 minutes at 37°C and pH 8.0, with restriction-digested calf thymus DNA as the substrate.

Quality Control Data:

Nuclease contamination test:
Nuclease activity was not detected in this product by agarose gel electrophoresis following each reactions below.

- 1) Incubating 1 μg of supercoiled pBR322 DNA with 50 units of this enzyme for 1 hour at 37°C.
- 2) Incubating 1 μg of pBR322 DNA-Pst I digest with 50 units of this enzyme for 30 minutes at 37°C.

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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