

Certificate of analysis

Product Name/Description: Deletion Kit for Kilo-Sequencing
Cat. #: 6030
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 5 Rxns

Package Contents:	1. Exonuclease III	180 U/μl	10 μl
	2. Exo III Buffer		500 μl
	3. Mung Bean Nuclease	25 U/μl	20 μl
	4. MB Nuclease Buffer		500 μl
	5. Klenow Fragment	2 U/μl	10 μl
	6. Klenow Buffer		250 μl
	7. Ligation Solution A		500 μl
	8. Ligation Solution B		60 μl

Quality Control Data:

A stepwise deletion test was performed using a pCol plasmid derivative digested with Kpn I and Xba I. Then each of the reactants was analyzed by agarose gel electrophoresis, which showed that expected stepwise deletion occurred. Then the mixture of the reactants described above was treated with or without Klenow Fragment and treated with Ligation Solution A and B. When the ligation mixtures were used to transform E. coli JM109 Competent Cells (TaKaRa code: 9052), the ratio of the transformation efficiency using the mixture previously treated with or without Klenow Fragment (with Klenow Fragment / without Klenow Fragment) was 5 or higher.

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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