

Certificate of analysis

Product Name/Description: small RNA Cloning Kit
Cat. #: RR065
Lot #: Specified on product label
Storage Conditions: 4 degrees C and -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 10 Rxns

Package Contents:	Package 1	1. RNase Inhibitor	40 U/μl	50 μl
		2. 10X BAP Buffer		200 μl
		3. Alkaline Phosphatase (BAP)		20 μl
		4. 0.1% BSA		60 μl
		5. 3' adaptor		10 μl
		6. T4 RNA Ligation Buffer		600 μl
		7. T4 RNA Ligase	40 U/μl	20 μl
		8. 5X T4 PNK Buffer		100 μl
		9. T4 Polynucleotide Kinase	10 U/μl	10 μl
		10. 5' adaptor		10 μl
		11. 5X RT Buffer		40 μl
		12. dNTP Mixture	2.5 mM each	90 μl
		13. PCR-R & RT-Primer	50 pmol/μl	20 μl
		14. RTase (RNase H free)	200 U/μl	10 μl
		15. 2X PCR Buffer		250 μl
		16. PCR Primer F	50 pmol/μl	10 μl
		17. TaKaRa Ex Taq® HS	5 U/μl	10 μl
		18. Control RNA	5 pmol/μl	10 μl
	Package 2	19. 3 M Sodium Acetate (pH5.2)		200 μl
		20. Dr. GenTLE Precipitation Carrier		80 μl
		21. 2X B/W Buffer		2.7 ml
		22. Magnosphere MS300/Streptavidin		100 μl
		23. RNase-free dH2O		10 ml

Note: Storage Condition: Package 1; -20°C, Package 2; 4°C

Quality Control Data:

The performance of this product was tested by using Control RNA according to the user manual. Each of Control RNA, Control RNA treated with BAP, and H2O was treated to obtain cDNA. PCR was performed using each of the reactants, and consequently the expected products were obtained (approximately 40 bp (H2O), approximately 40, 65, and 80 bp (Control RNA), approximately 40 and 65 bp (Control RNA treated with BAP)). When H2O (instead of the reactants described above) was used for the PCR, no specific products described above was obtained. The PCR products (approximately 40 and 65 bp (Control RNA treated with BAP)) were clearly digested with Sse8387I, and consequently the expected products were obtained (approximately 20 and 40 bp). There was no significant difference between the results obtained by using this lot and the previous lot.

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)

Licence Statements:

Please visit our website and click the "license" button on the product's web page.

©2019 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.