

## SMARTer® RNA Unique Dual Index Kit – 96U Set B

**Catalog No.**  
634457

**Amount**  
384 rxns

**Lot Number**  
Specified on product label.

### Description

SMARTer RNA unique dual index kits contain unique dual-indexed PCR primers for amplification of indexed Illumina®-compatible NGS libraries. These primers can be used in SMARTer RNA-seq kits that typically use any of the Indexing Primer Set for Illumina, Indexing Primer Set HT for Illumina, or the Indexing Primer Set HT for Illumina v2. Consult our website for a full list of compatible kits.

### Package Contents

- 8 µl U97 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U98 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U99 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U100 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U101 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U102 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U103 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U104 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U105 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U106 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U107 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U108 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U109 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U110 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U111 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U112 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U113 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U114 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U115 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U116 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U117 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U118 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U119 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U120 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U121 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U122 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U123 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U124 - SMARTer RNA Unique Dual Index (12.5 µM)

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#### Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA  
U.S. Technical Support: [techUS@takarabio.com](mailto:techUS@takarabio.com)

United States/Canada  
800.662.2566  
(020519)

Asia Pacific  
+1.650.919.7300

Europe  
+33.(0)1.3904.6880

Japan  
+81.(0)77.565.6999

# Certificate of Analysis

Cat. No. 634457

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- 8 µl U125 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U126 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U127 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U128 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U129 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U130 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U131 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U132 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U133 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U134 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U135 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U136 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U137 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U138 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U139 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U140 - SMARTer RNA Unique Dual Index (12.5 µM)
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- 8 µl U172 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U173 - SMARTer RNA Unique Dual Index (12.5 µM)
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- 8 µl U187 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U188 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U189 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U190 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U191 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U192 - SMARTer RNA Unique Dual Index (12.5 µM)

## Storage Conditions

- Store at –20°C.

## Shelf Life

- 1 year from date of receipt under proper storage conditions.

## Shipping Conditions

- Dry ice (–70°C)

## Product Documents

Documents for our products are available for download at [takarabio.com/manuals](https://www.takarabio.com/manuals)

The following documents apply to this product:

- SMARTer RNA Unique Dual Index Kit Protocol-At-A-Glance

## Quality Control Data

All primers were PAGE-purified and verified by ESI analysis to have a major peak with a measured molecular weight within 10 Da of the predicted molecular weight.

All primers were functionally tested with first-strand cDNA generated with reagents obtained from the SMARTer Stranded Total RNA-Seq Kit v2 - Pico Input Mammalian. The libraries were purified, quantified, and verified to generate a uniform yield across all the primers (CV <20%). Following quality assessment by quantification, libraries were pooled and then sequenced on an Illumina sequencing platform, generating uniform representation of all the barcodes (CV <25%).

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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### NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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#### Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: techUS@takarabio.com

**United States/Canada**

**Asia Pacific**

**Europe**

**Japan**

800.662.2566

+1.650.919.7300

+33.(0)1.3904.6880

+81.(0)77.565.6999

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