

SMARTer® RNA Unique Dual Index Kit - 24U

Catalog No.	Amount	Lot Number
634451	96 rxns	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 NGS 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 the compatible kits.

Package Contents

- 8 µl U25 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U26 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U27 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U28 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U29 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U30 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U31 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U32 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U33 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U34 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U35 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U36 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U37 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U38 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U39 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U40 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U41 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U42 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U43 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U44 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U45 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U46 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U47 - SMARTer RNA Unique Dual Index (12.5 µM)
- 8 µl U48 - SMARTer RNA Unique Dual Index (12.5 µM)

Storage Conditions

- Store at -20°C.

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Certificate of Analysis

Cat. No. 634451

SMARTer RNA Unique Dual Index Kit - 24U

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

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

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 ($CV \leq 20\%$), and with no primers generating a library yield 40% above or below the average yield of all libraries. Following quality assessment by quantification, libraries were pooled and then sequenced on an Illumina sequencing platform, generating uniform representation of all barcodes ($CV \leq 25\%$).

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.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

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Takara Bio USA, Inc.

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2/1/2023

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