

Unique Dual Index Kit (1–24)

Catalog No. 634756	Amount 24 rxns	Lot Number Specified on product label.
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Description

Unique Dual Index Kit (1–24) contains unique dual-indexed PCR primers for amplification of indexed Illumina®-compatible NGS libraries. Each unique dual index (UDI) consists of two premixed oligos, which are supplied in 24 wells with a volume of 5 µl in each well of a 96-well plate and can be used with many of Takara Bio's RNA-seq or DNA-seq kits. Please refer to the kit-specific user manual for instructions on using the indexed PCR primers provided in UDI kit.

NOTES:

- Unique Dual Index Kit (1–24) is a subset of Unique Dual Index Kit (1–96) (Cat. No. 634752)
- Prior to use, spin in a tabletop centrifuge to bring the contents to the bottom of the wells.

Package Contents

- 5 µl of each UDI, U001–U024 (6.25 µM/oligo, 12.5 µM total/oligo pair, 96-well plate format)

Storage Conditions

- Store at –20°C.

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:

- Unique Dual Index Kits Protocol-At-A-Glance
- Unique Dual Index Kit (1-24) Indexes and Plate Map

Quality Control Data

All primers were 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%) 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 the barcodes (CV ≤ 25%).

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

Takara Bio USA, Inc.

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CATALOG NO.

634756

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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