

## Unique Dual Index Kit (1-96)

**Catalog No.**  
634752

**Amount**  
96 rxns

**Lot Number**  
Specified on product label.

### Description

Unique Dual Index Kit (1-96) 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 a volume of 5 µl in a 96-well plate format 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.

**NOTE:** 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–U096 (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](http://takarabio.com/manuals)

The following documents apply to this product:

- Unique Dual Index Kits Protocol-At-A-Glance
- Unique Dual Index Kit (1-96) 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 pooled, quantified, then sequenced on an Illumina sequencing platform. No primer resulted in a library with reads 40% above or below the average reads of all libraries. Data was assessed for uniform representation of all the 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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#### Takara Bio USA, Inc.

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### NOTICE TO PURCHASER:

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