

Unique Dual Index Kit - 96U

Catalog No.
R400745

Amount
96 rxns

Lot Number
Specified on product label.

Description

The Unique Dual Index Kit - 96U contains unique dual-indexed PCR primers for the amplification of indexed Illumina®-compatible NGS libraries. These primers are provided in a 96-well plate format and are included with the SMART-Seq® HT PLUS Kit (Cat. No. R400749), SMART-Seq v4 PLUS Kit (Cat. No. R400753), and SMART-Seq Single Cell PLUS Kit (Cat. No. R400751).

Package Contents

- 12 µl U001 – Unique Dual Index (5 µM)
- 12 µl U002 – Unique Dual Index (5 µM)
- 12 µl U003 – Unique Dual Index (5 µM)
- 12 µl U004 – Unique Dual Index (5 µM)
- 12 µl U005 – Unique Dual Index (5 µM)
- 12 µl U006 – Unique Dual Index (5 µM)
- 12 µl U007 – Unique Dual Index (5 µM)
- 12 µl U008 – Unique Dual Index (5 µM)
- 12 µl U009 – Unique Dual Index (5 µM)
- 12 µl U010 – Unique Dual Index (5 µM)
- 12 µl U011 – Unique Dual Index (5 µM)
- 12 µl U012 – Unique Dual Index (5 µM)
- 12 µl U013 – Unique Dual Index (5 µM)
- 12 µl U014 – Unique Dual Index (5 µM)
- 12 µl U015 – Unique Dual Index (5 µM)
- 12 µl U016 – Unique Dual Index (5 µM)
- 12 µl U017 – Unique Dual Index (5 µM)
- 12 µl U018 – Unique Dual Index (5 µM)
- 12 µl U019 – Unique Dual Index (5 µM)
- 12 µl U020 – Unique Dual Index (5 µM)
- 12 µl U021 – Unique Dual Index (5 µM)
- 12 µl U022 – Unique Dual Index (5 µM)
- 12 µl U023 – Unique Dual Index (5 µM)
- 12 µl U024 – Unique Dual Index (5 µM)
- 12 µl U025 – Unique Dual Index (5 µM)
- 12 µl U026 – Unique Dual Index (5 µM)
- 12 µl U027 – Unique Dual Index (5 µM)
- 12 µl U028 – Unique Dual Index (5 µM)

Takara Bio USA, Inc.

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Certificate of Analysis

Unique Dual Index Kit - 96U

Cat. No. R400745

- 12 µl U029 – Unique Dual Index (5 µM)
- 12 µl U030 – Unique Dual Index (5 µM)
- 12 µl U031 – Unique Dual Index (5 µM)
- 12 µl U032 – Unique Dual Index (5 µM)
- 12 µl U033 – Unique Dual Index (5 µM)
- 12 µl U034 – Unique Dual Index (5 µM)
- 12 µl U035 – Unique Dual Index (5 µM)
- 12 µl U036 – Unique Dual Index (5 µM)
- 12 µl U037 – Unique Dual Index (5 µM)
- 12 µl U038 – Unique Dual Index (5 µM)
- 12 µl U039 – Unique Dual Index (5 µM)
- 12 µl U040 – Unique Dual Index (5 µM)
- 12 µl U041 – Unique Dual Index (5 µM)
- 12 µl U042 – Unique Dual Index (5 µM)
- 12 µl U043 – Unique Dual Index (5 µM)
- 12 µl U044 – Unique Dual Index (5 µM)
- 12 µl U045 – Unique Dual Index (5 µM)
- 12 µl U046 – Unique Dual Index (5 µM)
- 12 µl U047 – Unique Dual Index (5 µM)
- 12 µl U048 – Unique Dual Index (5 µM)
- 12 µl U049 – Unique Dual Index (5 µM)
- 12 µl U050 – Unique Dual Index (5 µM)
- 12 µl U051 – Unique Dual Index (5 µM)
- 12 µl U052 – Unique Dual Index (5 µM)
- 12 µl U053 – Unique Dual Index (5 µM)
- 12 µl U054 – Unique Dual Index (5 µM)
- 12 µl U055 – Unique Dual Index (5 µM)
- 12 µl U056 – Unique Dual Index (5 µM)
- 12 µl U057 – Unique Dual Index (5 µM)
- 12 µl U058 – Unique Dual Index (5 µM)
- 12 µl U059 – Unique Dual Index (5 µM)
- 12 µl U060 – Unique Dual Index (5 µM)
- 12 µl U061 – Unique Dual Index (5 µM)
- 12 µl U062 – Unique Dual Index (5 µM)
- 12 µl U063 – Unique Dual Index (5 µM)
- 12 µl U064 – Unique Dual Index (5 µM)
- 12 µl U065 – Unique Dual Index (5 µM)
- 12 µl U066 – Unique Dual Index (5 µM)
- 12 µl U067 – Unique Dual Index (5 µM)
- 12 µl U068 – Unique Dual Index (5 µM)
- 12 µl U069 – Unique Dual Index (5 µM)
- 12 µl U070 – Unique Dual Index (5 µM)

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- 12 µl U071 – Unique Dual Index (5 µM)
- 12 µl U072 – Unique Dual Index (5 µM)
- 12 µl U073 – Unique Dual Index (5 µM)
- 12 µl U074 – Unique Dual Index (5 µM)
- 12 µl U075 – Unique Dual Index (5 µM)
- 12 µl U076 – Unique Dual Index (5 µM)
- 12 µl U077 – Unique Dual Index (5 µM)
- 12 µl U078 – Unique Dual Index (5 µM)
- 12 µl U079 – Unique Dual Index (5 µM)
- 12 µl U080 – Unique Dual Index (5 µM)
- 12 µl U081 – Unique Dual Index (5 µM)
- 12 µl U082 – Unique Dual Index (5 µM)
- 12 µl U083 – Unique Dual Index (5 µM)
- 12 µl U084 – Unique Dual Index (5 µM)
- 12 µl U085 – Unique Dual Index (5 µM)
- 12 µl U086 – Unique Dual Index (5 µM)
- 12 µl U087 – Unique Dual Index (5 µM)
- 12 µl U088 – Unique Dual Index (5 µM)
- 12 µl U089 – Unique Dual Index (5 µM)
- 12 µl U090 – Unique Dual Index (5 µM)
- 12 µl U091 – Unique Dual Index (5 µM)
- 12 µl U092 – Unique Dual Index (5 µM)
- 12 µl U093 – Unique Dual Index (5 µM)
- 12 µl U094 – Unique Dual Index (5 µM)
- 12 µl U095 – Unique Dual Index (5 µM)
- 12 µl U096 – Unique Dual Index (5 µM)

Storage Conditions

- Store at –20°C.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice (–70°C)

Product Documents

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

The following documents apply to this product:

- Unique Dual Index Kit Protocol-At-A-Glance
- Unique Dual Index Kit Sequence Information (Excel file)
Please see the above document for an index plate map.

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Quality Control Data

All primers were verified by ESI analysis. All primers were functionally tested with 200 pg of 200-bp sheared human genomic DNA using the ThruPLEX® DNA-Seq Kit to produce indexed libraries. The libraries were pooled, purified, quantified, and then sequenced on the Illumina sequencing platform. The following parameters were measured for libraries prepared with indexed primers, which were required to meet the following specifications:

Test Parameters	Result (%)
qPCR end-point fluorescence (% CV)	≤20
% coverage (% CV)	≤20
Read pairs examined (% CV)	≤20
Barcode balance as min/mean (%)	≥40

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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