

Certificate of Analysis

DNA HT Dual Index Kit - 24N

Catalog No.	Amount	Lot Number
R400664	48 rxns	Specified on product label.

Description

DNA HT dual index kits contain dual-indexed PCR primers for amplification of indexed Illumina®-compatible NGS libraries.

Package Contents

- 10 µl N1 - DNA HT Dual Index (5 µM)
- 10 µl N2 - DNA HT Dual Index (5 µM)
- 10 µl N3 - DNA HT Dual Index (5 µM)
- 10 µl N4 - DNA HT Dual Index (5 µM)
- 10 µl N5 - DNA HT Dual Index (5 µM)
- 10 µl N6 - DNA HT Dual Index (5 µM)
- 10 µl N7 - DNA HT Dual Index (5 µM)
- 10 µl N8 - DNA HT Dual Index (5 µM)
- 10 µl N9 - DNA HT Dual Index (5 µM)
- 10 µl N10 - DNA HT Dual Index (5 µM)
- 10 µl N11 - DNA HT Dual Index (5 µM)
- 10 µl N12 - DNA HT Dual Index (5 µM)
- 10 µl N13 - DNA HT Dual Index (5 µM)
- 10 µl N14 - DNA HT Dual Index (5 µM)
- 10 µl N15 - DNA HT Dual Index (5 µM)
- 10 µl N16 - DNA HT Dual Index (5 µM)
- 10 µl N17 - DNA HT Dual Index (5 µM)
- 10 µl N18 - DNA HT Dual Index (5 µM)
- 10 µl N19 - DNA HT Dual Index (5 µM)
- 10 µl N20 - DNA HT Dual Index (5 µM)
- 10 µl N21 - DNA HT Dual Index (5 µM)
- 10 µl N22 - DNA HT Dual Index (5 µM)
- 10 µl N23 - DNA HT Dual Index (5 µM)
- 10 µl N24 - DNA HT Dual Index (5 µM)

Storage Conditions

- Store at -20°C.

Expiration Date

- Specified on product label.

Takara Bio USA, Inc.

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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:

- DNA HT Dual Index Kit Protocol-At-A-Glance

Quality Control Data

All purified 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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