

## DNA Single Index Kit – 12S Set A

**Catalog No.**  
R400695

**Amount**  
96 rxns

**Lot Number**  
Specified on product label.

### Description

DNA Single Index Kits contain single-indexed PCR primers for amplification of Illumina®-compatible NGS libraries. These single-index primers are compatible with the PicoPLEX® DNA-seq Kit and all ThruPLEX® kits.

### Package Contents

- 40 µl S1 - DNA Single Index
- 40 µl S2 - DNA Single Index
- 40 µl S3 - DNA Single Index
- 40 µl S4 - DNA Single Index
- 40 µl S5 - DNA Single Index
- 40 µl S6 - DNA Single Index
- 40 µl S7 - DNA Single Index
- 40 µl S8 - DNA Single Index
- 40 µl S9 - DNA Single Index
- 40 µl S10 - DNA Single Index
- 40 µl S11 - DNA Single Index
- 40 µl S12 - DNA Single Index

### Storage Conditions

- Store at –20°C.

### Shelf Life

- 1 year from date of receipt under proper storage conditions.

### Shipping Conditions

- Dry ice (–70°C)

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)

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#### Takara Bio USA, Inc.

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## Quality Control Data

All primers were purified by PAGE and 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 all individual primers and the respective 'pass' criteria is stated:

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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