

## ThruPLEX® HV UDI Set A

**Catalog No.**

R400738

**Amount**

96 rxns

**Lot Number**

Specified on product label.

### Description

ThruPLEX HV UDI kits contain unique dual-indexed PCR primers for amplification of indexed Illumina®-compatible NGS libraries. These primers can be used in ThruPLEX HV kits.

### Package Contents

- 12 µl of each ThruPLEX HV UDI 001–096 (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:

- ThruPLEX HV UDI Protocol-At-A-Glance
- ThruPLEX HV UDI Index 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:

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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