

# Product Components List

## ThruPLEX® Tag-Seq HV PLUS Kit

Catalog Nos.	Amount
R400784	24 rxns
R400785	96 rxns

### Description

The ThruPLEX Tag-Seq HV PLUS Kit improves on the original ThruPLEX Tag-Seq HV Kit with the inclusion of the ThruPLEX HV PLUS Enzymatic Fragmentation Module. This kit combines molecular identifiers with our proprietary ThruPLEX chemistry, allowing construction of molecularly tagged and sample-indexed Illumina® NGS libraries from inputs of 5 ng to 200 ng of double-stranded DNA. The entire three-step workflow takes place in a single tube or well in about two hours. No intermediate purification steps or sample transfers are necessary, preventing handling errors and loss of valuable samples.

Pairing ThruPLEX Tag-Seq HV with ThruPLEX HV Unique Dual Indexes adds the capability of multiplexing up to 96 NGS-ready libraries. Once purified and quantified, the resulting library is ready for Illumina NGS instruments using standard Illumina sequencing reagents and protocols.

### Package Contents

#### R400784 (24 rxns):

- ThruPLEX HV PLUS Enzymatic Fragmentation Module (Cat. No. R400780) [>> View components](#)
- ThruPLEX Tag-Seq HV Core Components (Cat. No. R400734) [>> View components](#)
- ThruPLEX HV UDI 1-24 (Cat. No. R400739) [>> View components](#)

#### R400785 (96 rxns):

- ThruPLEX HV PLUS Enzymatic Fragmentation Module (Cat. No. R400781) [>> View components](#)
- ThruPLEX Tag-Seq HV Core Components (Cat. No. R400735) [>> View components](#)
- ThruPLEX HV UDI Set A (Cat. No. R400738) [>> View components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

### 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 Tag-Seq HV PLUS User Manual
- ThruPLEX HV UDI Protocol-at-a-Glance

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#### Takara Bio USA, Inc.

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ThruPLEX DNA-Seq HV PLUS Kit

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This document has been reviewed and approved by the Quality Department.