

Product Components List

ThruPLEX® DNA-Seq HV PLUS Kit

Catalog Nos.	Amount
R400782	24 rxns
R400783	96 rxns

Description

The ThruPLEX DNA-Seq HV PLUS Kit improves on the original ThruPLEX DNA-Seq HV Kit with the inclusion of the ThruPLEX HV PLUS Enzymatic Fragmentation Module. This kit generates high-performance NGS libraries from up to 30 µl of double-stranded DNA in a three-step, single-tube workflow. The chemistry is optimized for 5 ng to 200 ng of double-stranded DNA to maximize the library complexity and to preserve the GC representation of the input DNA. Libraries can be used for whole genome sequencing applications or targeted sequencing using downstream target enrichment panels.

Pairing ThruPLEX DNA-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

R400782 (24 rxns):

- ThruPLEX HV PLUS Enzymatic Fragmentation Module (Cat. No. R400780) [>> View components](#)
- ThruPLEX DNA-Seq HV Core Components (Cat. No. R400737) [>> View components](#)
- ThruPLEX HV UDI 1-24 (Cat. No. R400739) [>> View components](#)

R400783 (96 rxns):

- ThruPLEX HV PLUS Enzymatic Fragmentation Module (Cat. No. R400781) [>> View components](#)
- ThruPLEX DNA-Seq HV Core Components (Cat. No. R400736) [>> 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

The following documents apply to this product:

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

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Cat. No(s). R400782, R400783

ThruPLEX DNA-Seq HV PLUS Kit

Notice to Purchaser

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