

Product Components List

ThruPLEX® DNA-Seq FLEX EF

Catalog Nos.	Amount
635100	24 rxns
635101	96 rxns

Description

ThruPLEX DNA-Seq FLEX EF generates high-performance NGS libraries from up to 30 µl of double-stranded DNA (dsDNA) in a three-step, single-tube workflow. The chemistry is optimized for 100 pg–200 ng of dsDNA to maximize the library complexity and 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. Once purified and quantified, the resulting library is ready for Illumina® NGS instruments using standard Illumina sequencing reagents and protocols.

The kit improves on previous ThruPLEX DNA-Seq kits with the inclusion of the ThruPLEX FLEX Enzymatic Fragmentation Module. Pairing ThruPLEX DNA-Seq FLEX EF with our Unique Dual Index (UDI) kits (Cat. Nos. 634752–634756, sold separately) allows for multiplexing of up to 384 NGS-ready libraries.

Package Contents

635100 (24 rxns):

- ThruPLEX DNA-Seq FLEX (Cat. No. R400737) >> [View components](#)
- ThruPLEX FLEX Enzymatic Fragmentation Module (Cat. No. R400780) >> [View components](#)

635101 (96 rxns):

- ThruPLEX DNA-Seq FLEX (Cat. No. R400736) >> [View components](#)
- ThruPLEX FLEX Enzymatic Fragmentation Module (Cat. No. R400781) >> [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](https://www.takarabio.com/manuals)

The following documents apply to this product:

- ThruPLEX DNA-Seq FLEX EF User Manual

Notice to Purchaser

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

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