

# Product Components List

## SMART-Seq® mRNA 3' DE

Catalog Nos.	Amount
635040	96 rxns
635041	192 rxns

### Description

The SMART-Seq mRNA 3' DE includes the components to generate high-quality cDNA from 1–100 intact cells or ultra-low amounts of total RNA. The cDNA generated from each reaction has a cell barcode that allows for pooling downstream. This kit uses the SMART-Seq v4 technology with locked nucleic acids (LNA) for excellent sensitivity and reproducibility. Additionally, this kit includes a complete set of index primers for downstream library preparation. By focusing the majority of cDNA fragments on the 3' end of mRNA transcripts, this kit enables differential expression (DE) analysis with fewer reads, reducing the cost of discovery. When combined with the Illumina® Nextera® XT DNA Library Preparation Kit, this kit results in a library ready for sequencing on Illumina platforms.

### Package Contents

#### 635040 (96 rxns):

- SMART-Seq mRNA 3' DE Components (Cat. No. 635042; not sold separately) >>[View Components](#)
- SeqAmp™ DNA Polymerase (Cat. No. 638509) >>[View Components](#)

#### 635041 (192 rxns):

- SMART-Seq mRNA 3' DE Components (Cat. No. 635043; not sold separately) >>[View Components](#)
- 2 x SeqAmp DNA Polymerase (Cat. No. 638509) >>[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://takarabio.com/manuals)

The following documents apply to this product:

- SMART-Seq mRNA 3' DE User Manual

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### Notice to Purchaser

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

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