

# Product Components List

## SMART-Seq® Total RNA Pico Input (ZapR® Mammalian)

| Catalog Nos. | Amount      |
|--------------|-------------|
| 634357       | 24 rxns     |
| 634358       | 96 rxns     |
| 634359       | 4 x 96 rxns |

### Description

SMART-Seq Total RNA Pico Input (ZapR Mammalian) is used to generate strand-specific RNA-seq libraries for Illumina® sequencing from 250 pg–10 ng of purified total RNA. This kit incorporates Takara Bio's proprietary SMART® (Switching Mechanism at the 5' end of RNA Template) technology and includes refinements to the SMARTer® method for stranded RNA-seq that simplify the library preparation workflow and improve sequencing performance.

This method was developed to work with either high- or low-integrity total RNA while keeping the workflow short and user-friendly. The kit does not require additional rRNA removal methods and produces sequencing libraries that retain strand-of-origin information. The integrated removal of cDNAs derived from rRNA—typically present in high abundance following cDNA synthesis from total RNA inputs—makes the workflow extremely sensitive, yielding data that is highly reproducible with low mapping to rRNA.

### Package Contents:

#### 634357 (24 rxns):

- SMART-Seq Total RNA Pico Input (Cat. No. 634365; Not sold separately) [>>View Components](#)
- ZapR Mammalian rRNA Depletion Kit (Cat No. 634369; Not sold separately) [>>View Components](#)

#### 634358 (96 rxns):

- SMART-Seq Total RNA Pico Input (Cat. No. 634366; Not sold separately) [>>View Components](#)
- ZapR Mammalian rRNA Depletion Kit (Cat No. 634370; Not sold separately) [>>View Components](#)

#### 634359 (4 x 96 rxns):

- 4 x SMART-Seq Total RNA Pico Input (Cat. No. 634366; Not sold separately) [>>View Components](#)
- 4 x ZapR Mammalian rRNA Depletion Kit (Cat No. 634370; Not sold separately) [>>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 Total RNA Pico Input (ZapR Mammalian) User Manual
- Unique Dual Index Kits Protocol-At-A-Glance

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Cat. Nos. 634357, 634358 & 634359

SMART-Seq Total RNA Pico Input (ZapR Mammalian)

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## Notice to Purchaser

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