

# Product Components List

## SMART-Seq® Total RNA Mid Input

**Catalog No.**

635048

**Amount**

4 x 96 rxns

### Description

SMART-Seq Total RNA Mid Input can be used to generate total RNA sequencing (RNA-seq) libraries compatible with Illumina® platforms, starting from as little as 100 pg of poly(A)-purified or ribosomal RNA-depleted RNA. The kit utilizes SMART® (Switching Mechanism At 5' end of RNA Template) technology coupled with PCR amplification to generate Illumina-compatible libraries without the need for enzymatic cleanup or adapter ligations. The directionality of the template-switching reaction preserves the strand orientation of the RNA, making it possible to obtain strand-specific sequencing data from the synthesized cDNA. Up to 384 indexed libraries can be prepared using Unique Dual Index Kits (Cat. Nos. 634752–634756, sold separately).

The kit is also designed to work with 10–100 ng of full-length or sheared total RNA from human, mouse, or rat treated by RiboGone™ - Mammalian (Cat. Nos. 634846 & 634847, sold separately), which removes ribosomal RNA (rRNA) (5S, 5.8S, 18S, and 28S) and some mitochondrial rRNA (12S) sequences.

### Package Contents

- 4 x SMART-Seq Total RNA Mid Input (Cat. No. 635050) >> [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:

- SMART-Seq Total RNA Mid Input User Manual
- Unique Dual Index Kits Protocol-At-A-Glance

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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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#### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

United States/Canada 800.662.2566 (102323)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.565.6999
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