

## 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](http://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

---

#### 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  
(051024)

Asia Pacific  
+1.650.919.7300

Europe  
+33.(0)1.3904.6880

Japan  
+81.(0)77.565.6999

# Product Components List

Cat. Nos. 634357, 634358 & 634359

SMART-Seq Total RNA Pico Input (ZapR Mammalian)

---

## Notice to Purchaser

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product's web page at [takarabio.com](https://takarabio.com). It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

© 2024 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions. Additional product, intellectual property, and restricted use information is available at [takarabio.com](https://takarabio.com).

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