

SMARTer® Stranded Total RNA-Seq Kit - Pico Input Mammalian

Catalog Nos.	Amount
635005	12 rxns
635006	48 rxns
635007	96 rxns

Description

The SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian is used to generate strand-specific RNA-seq libraries for Illumina® sequencing using purified total RNA input ranging from 250 pg–10 ng. This kit takes advantage of SMARTer Stranded RNA-seq technology, based on Clontech's patented SMART® (Switching Mechanism at the 5' end of RNA Template) technology, with the added benefits of locked nucleic acid (LNA) technology as in the SMART-Seq™ v4 kit. The integrated post-cDNA synthesis removal of abundant molecules originating from rRNA makes the workflow extremely sensitive with excellent reproducibility and low mapping to rRNA. This method was developed to work with either high- or low-quality total RNA and does not require additional rRNA removal methods or kits. Final libraries retain strand of origin information.

Package Contents:

635005 (12 rxns):

- SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian Components (Cat. No. 635008; Not sold separately) >>[View Components](#)
- Indexing Primer Set HT for Illumina - 12 (Cat. No. 634871; Not sold separately) >>[View Components](#)

635006 (48 rxns):

- SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian Components (Cat. No. 635009; Not sold separately) >>[View Components](#)
- Indexing Primer Set HT for Illumina - 48A (Cat. No. 634869; Not sold separately) >>[View Components](#)

635007 (96 rxns):

- SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian Components (Cat. No. 635010; Not sold separately) >>[View Components](#)
- Indexing Primer Set HT for Illumina (Cat. No. 634863; Not sold separately) >>[View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

Product Documents

Documents for Clontech® products are available for download at www.clontech.com/manuals

The following documents apply to this product:

- SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian User Manual

Clontech Laboratories, Inc.

A Takara Bio Company

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: tech@clontech.com

United States/Canada 800.662.2566 (062215)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.543.6116
--	---------------------------------	------------------------------	-----------------------------

Product Components List

Cat. Nos. 635005, 635006, 635007

SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian

Notice to Purchaser

Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, *in vitro* diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Clontech Laboratories, Inc.

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product's web page at <http://www.clontech.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

Illumina is a registered trademark of Illumina, Inc.

Clontech, the Clontech logo, SMART, SMART-Seq, and SMARTer are trademarks of Clontech Laboratories, Inc. All other marks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions. Clontech is a Takara Bio Company. ©2015 Clontech Laboratories, Inc.

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