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

**Catalog Nos.** | **Amount**
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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](http://www.clontech.com/manuals)
The following documents apply to this product:
- SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian User Manual
Product Components List

SMARTer Stranded Total RNA-Seq Kit - Pico Input Mammalian

Cat. Nos. 635005, 635006, 635007

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