

SMARTer® Stranded Total RNA Sample Prep Kit - HI Mammalian

Catalog Nos.	Amount
634873	12 rxns
634874	24 rxns
634875	48 rxns
634876	96 rxns
634877	192 rxns
634878	480 rxns

Description

The SMARTer Stranded Total RNA Sample Prep Kit - HI Mammalian generates libraries for RNA sequencing (RNA-seq), compatible with Illumina® platforms for mammalian samples. The kit is designed to work with input ranges from 100 ng to 1 µg of total RNA. This kit incorporates both RiboGone™ and SMART® technology, and processes ribosomal RNA (rRNA) removal (5S, 5.8S, 18S, and 28S nuclear rRNA sequences), as well as some mitochondrial rRNA sequences (12S), from human, mouse, or rat full-length or sheared total RNA, followed by cDNA synthesis and Illumina library preparation. RNA-seq libraries prepared with this kit are indexed.

Package Contents:

634873 (12 rxns):

- SMARTer Stranded Total RNA Sample Prep Kit - HI Mammalian Components (Cat. No. 634879; not sold separately) [>>View Components](#)
- Indexing Primer Set HT for Illumina - 12 (Cat. No. 634871; not sold separately) [>>View Components](#)
- SeqAmp™ DNA Polymerase (Cat. No. 638504) [>> View Components](#)

634874 (24 rxns):

- SMARTer Stranded Total RNA Sample Prep Kit - HI Mammalian Components (Cat. No. 634880; not sold separately) [>>View Components](#)
- 2 x Indexing Primer Set HT for Illumina - 12 (Cat. No. 634871; not sold separately) [>>View Components](#)
- SeqAmp DNA Polymerase (Cat. No. 638504) [>> View Components](#)

634875 (48 rxns):

- SMARTer Stranded Total RNA Sample Prep Kit - HI Mammalian Components (Cat. No. 634881; not sold separately) [>>View Components](#)
- Indexing Primer Set HT for Illumina - 48 A (Cat. No. 634869; not sold separately) [>>View Components](#)
- 2 x SeqAmp DNA Polymerase (Cat. No. 638504) [>> View Components](#)

Clontech Laboratories, Inc.

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Product Components List

Cat. Nos. 634873, 634874, 634875, 634876, 634877, 634878

SMARTer® Stranded Total RNA Sample Prep Kit - HI Mammalian

634876 (96 rxns):

- SMARTer Stranded Total RNA Sample Prep Kit - HI Mammalian Components (Cat. No. 634882; not sold separately) >>[View Components](#)
- Indexing Primer Set HT for Illumina (Cat. No. 634863; not sold separately) >> [View Components](#)
- SeqAmp DNA Polymerase (Cat. No. 638509) >>[View Components](#)

634877 (192 rxns):

- 2 x SMARTer Stranded Total RNA Sample Prep Kit - HI Mammalian Components (Cat. No. 634882; not sold separately) >>[View Components](#)
- 2 x Indexing Primer Set HT for Illumina (Cat. No. 634863; not sold separately) >> [View Components](#)
- SeqAmp DNA Polymerase (Cat. No. 638509) >>[View Components](#)

634878 (480 rxns):

- 5 x SMARTer Stranded Total RNA Sample Prep Kit - HI Mammalian Components (Cat. No. 634882; not sold separately) >>[View Components](#)
- 5 x Indexing Primer Set HT for Illumina (Cat. No. 634863; not sold separately) >> [View Components](#)
- 3 x SeqAmp DNA Polymerase (Cat. No. 638509) >>[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 Sample Prep Kit - HI Mammalian User Manual

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