

SMARTer® smRNA-Seq Kit for Illumina®

Catalog Nos.	Amount
635029	12 rxns
635030	48 rxns
635031	96 rxns

Description

The SMARTer smRNA-Seq Kit for Illumina is used to generate small RNA-seq libraries for sequencing on Illumina platforms. This kit was developed to work directly with total RNA or enriched small RNA (including microRNA), for inputs ranging from 1 ng–2 µg. By incorporating features of the SMARTer Stranded RNA-Seq kits, including Clontech's proprietary SMART® (Switching Mechanism at the 5' end of RNA Template) technology, and primers that include locked nucleic acids (LNAs), this kit allows users to analyze a wide range of smRNA species and generate sequencing libraries of considerable complexity from as little as 1 ng of input material. Illumina adapter and index sequences are incorporated in a ligation-free manner during library amplification, ensuring that diverse smRNA species are represented with minimal bias.

Package Contents:

635029 (12 rxns):

- SMARTer smRNA-Seq Kit for Illumina Components (Cat. No. 635032; 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](#)
- NucleoSpin Gel and PCR Clean-Up (Cat. No. 740609.50) [>>View Components](#)

635030 (48 rxns):

- SMARTer smRNA-Seq Kit for Illumina Components (Cat. No. 635033; Not sold separately) [>>View Components](#)
- Indexing Primer Set HT for Illumina - 48 A (Cat. No. 634869; Not sold separately) [>>View Components](#)
- SeqAmp DNA Polymerase (Cat. No. 638509) [>>View Components](#)
- NucleoSpin Gel and PCR Clean-Up (Cat. No. 740609.50) [>>View Components](#)

635031 (96 rxns):

- SMARTer smRNA-Seq Kit for Illumina Components (Cat. No. 635034; 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](#)
- NucleoSpin Gel and PCR Clean-Up (Cat. No. 740609.250) [>>View Components](#)

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

Clontech Laboratories, Inc.

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Product Components List

Cat. Nos. 635029, 635030, 635031

SMARTer® smRNA-Seq Kit for Illumina®

Product Documents

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

The following documents apply to this product:

- SMARTer smRNA-Seq Kit for Illumina User Manual
 - NucleoSpin PCR Clean-Up and Gel Extraction User Manual
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This document has been reviewed and approved by the Clontech Quality Assurance Department.