### SMARTer® smRNA-Seq Kit for Illumina®

<table>
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<th>Catalog Nos.</th>
<th>Amount</th>
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<tr>
<td>635029</td>
<td>12 rxns</td>
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<td>635030</td>
<td>48 rxns</td>
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<td>635031</td>
<td>96 rxns</td>
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**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.
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.