

## SMARTer® Target RNA Capture for Illumina®

Catalog Nos.	Amount
635035	12 rxns
635036	48 rxns

### Description

SMARTer Target RNA Capture for Illumina is used to generate cDNA from enriched RNA transcripts. Target-specific biotinylated DNA probes designed by the user are hybridized to transcripts of interest and the resulting RNA-DNA hybrids are captured with Capture Beads. This kit takes advantage of the sensitivity of the SMART-Seq® v4 Ultra® Low Input RNA Kit for Sequencing to generate high-quality, full-length cDNA from these enriched transcripts. The kit was tested with 10 ng of total RNA, and has been shown to perform cDNA synthesis from enriched transcripts derived from as little as 100 pg purified total RNA. cDNA libraries generated by this kit have been tested for compatibility with Illumina sequencing platforms. This method does not require additional rRNA removal methods or kits.

### Package Contents:

#### 635035 (12 rxns):

- SMARTer Target RNA Capture for Illumina Components (Cat. No. 635037; Not sold separately) [>>View Components](#)
- SeqAmp™ DNA Polymerase (Cat. No. 638504) [>>View Components](#)

#### 635036 (48 rxns):

- SMARTer Target RNA Capture for Illumina Components (Cat. No. 635038; Not sold separately) [>>View Components](#)
- 2 x SeqAmp DNA Polymerase (Cat. No. 638504) [>>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 Target RNA Capture for Illumina User Manual

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#### Clontech Laboratories, Inc.

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