

## SMARTer® Pico PCR cDNA Synthesis Kit

Catalog No.	Amount
634928	10 rxns

### Description

The SMARTer Pico PCR cDNA Synthesis Kit provides a PCR-based method for producing high-quality cDNA from picogram quantities of total RNA. The cornerstone of SMARTer cDNA synthesis is still our unique SMART™ (Switching Mechanism At the 5' End of RNA Transcript) technology; now with a modified SMARTer II A oligo. This new and improved oligo, combined with SMARTscribe™ Reverse Transcriptase, provides higher specificity and increased yields. The SMARTer Pico PCR cDNA Synthesis Kit allows you to synthesize high-quality cDNA for array probe generation, cDNA subtraction, “Virtual Northern” blots, or other applications, from as little as 1 ng of total RNA at extremely low concentrations (or in diluted samples). It is especially useful for researchers who have limited starting material, such as RNA derived from laser-capture microscopy samples, cells sorted by flow cytometry, or other extremely small samples.

### Package Contents

- SMARTer Pico PCR cDNA Synthesis Kit Components (Cat. No. 634927; Not sold separately)
- NucleoSpin Gel and PCR Clean-Up Kit (20 preps) (2 x Cat. No. 740609.10)

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 Pico PCR cDNA Synthesis Kit User Manual (PT4098-1)
- NucleoSpin PCR Clean-Up & Gel Extraction User Manual

---

### Notice to Purchaser

Clontech products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, *in vitro* diagnostic purposes, therapeutics, or in humans. Clontech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of Clontech Laboratories, Inc.

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product's web page at <http://www.clontech.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

Clontech, the Clontech logo, SMART, SMARTer, and SMARTscribe are trademarks of Clontech Laboratories, Inc. All other marks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions. Clontech is a Takara Bio Company. ©2013 Clontech Laboratories, Inc.

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

---

### Clontech Laboratories, Inc.

A Takara Bio Company  
1290 Terra Bella Avenue, Mountain View, CA 94043, USA  
U.S. Technical Support: [tech@clontech.com](mailto:tech@clontech.com)

United States/Canada	Asia Pacific	Europe	Japan
800.662.2566 (073013)	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.543.6116