

Advantage[®] RT-for-PCR Kit

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Catalog No.	Amount	Lot Number
639505	25 rxns	Specified on product label.

Description

Complete kit for the synthesis of first-strand cDNA from total RNA or polyA⁺ RNA. The kit contains sufficient reagents for 25 first-strand cDNA synthesis reactions.

Package Contents

Box 1:

- 15 µl Control RNA (mouse liver total RNA), 1 µg/µl

Box 2:

- 100 µl 5X Reaction Buffer
- 25 µl Oligo(dT)₁₈ Primer, 20 µM
- 25 µl Random Hexamer Primer, 20 µM
- 30 µl MMLV Reverse Transcriptase, 200 units/µl
- 15 µl Recombinant RNase Inhibitor, 40 units/µl
- 25 µl dNTP Mix (10 mM each)
- 50 µl Premixed Mouse G3PDH Amplimers, 10 µM each
- 1 ml DEPC-treated Water (diethyl-pyrocabonate, 1:1000)

Storage Conditions

- Store Box 1 (RNA) at -70°C.
- Store Box 2 at -20°C.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Dry ice (-70°C)

Product User Manuals

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

The following user manuals apply to this product:

- Advantage RT-for-PCR Kit User Manual (PT1107-1)
- Advantage RT-for-PCR Kit Protocol-at-a-Glance (PT1107-2)

Clontech Laboratories, Inc.

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

United States/Canada	Asia Pacific	Europe	Japan
800.662.2566	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.543.6116
(PA124409)			

Quality Control Data

A sample kit was tested by synthesizing cDNA from the Control RNA as described in the User Manual. The cDNA was used as a template for RT-PCR, amplified with the premixed mouse G3PDH primers and mouse transferrin receptor primers for 25 and 30 cycles, respectively. When the products of the PCR reactions were examined by electrophoresis on an agarose/EtBr gel, clear bands of the expected sizes were observed.

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CATALOG NO.

639505

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A Takara Bio Company

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: tech@clontech.com

5/17/2011

United States/Canada

Asia Pacific

Europe

Japan

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