

Advantage® RT-for-PCR Kit

Catalog Nos.	Amount	Lot Number
639505	25 rxns	Specified on product label.
639506	100 rxns	Specified on product label.

Description

Complete kit for the synthesis of first-strand cDNA from total RNA or polyA⁺ RNA.

Package Contents

Package 1:

<u>639505</u> (25 rxns)	<u>639506</u> (100 rxns)	
15 µl	60 µl	Control RNA (mouse liver total RNA, 1 µg/µl)

Package 2:

<u>639505</u> (25 rxns)	<u>639506</u> (100 rxns)	
100 µl	400 µl	5X Reaction Buffer
25 µl	100 µl	Oligo(dT) ₁₈ Primer, 20 µM
25 µl	100 µl	Random Hexamer Primer, 20 µM
30 µl	120 µl	MMLV Reverse Transcriptase, 200 units/µl
15 µl	60 µl	Recombinant RNase Inhibitor, 40 units/µl
25 µl	100 µl	dNTP Mix (10 mM each)
50 µl	200 µl	Premixed Mouse G3PDH Amplimers, 10 µM each
1 ml	4 ml	DEPC-treated Water (diethyl-pyrocabonate, 1:1000)

Storage Conditions

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

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Advantage RT-for-PCR Kit User Manual
- Advantage RT-for-PCR Kit Protocol-At-A-Glance

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.com

United States/Canada
800.662.2566
(011723)

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.565.6999

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.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

Advantage® RT-for-PCR Kit

CATALOG NOS.

639505 & 639506

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our 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 our prior written approval.

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

TRADEMARKS:

©2023 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.com

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

+33.(0)1.3904.6880

Japan

+81.(0)77.565.6999

1/17/2023