

RNA to cDNA EcoDry™ Premix (Double Primed)

Catalog No. 639549	Amount 24 rxns	Lot Number Specified on product label.
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Description

RNA to cDNA EcoDry Premix (Double Primed) is a convenient dry master mix that allows efficient and accurate first-strand cDNA synthesis. Each well contains a mix of SMART® MMLV Reverse Transcriptase, dNTPs, buffer, and both random hexamer and oligo(dT)₁₈ primers. Simply reconstitute the master mix by adding PCR-grade water along with your RNA. EcoDry Premixes are packaged as individual 8-well tube strips with optically clear sealing caps.

Package Contents

- 3 x 8-tube strips RNA to cDNA EcoDry Premix (Double Primed)
- 3 Optically Clear PCR Cap Strips (8 caps/strip)

Storage Conditions

- Store at room temperature.
- Keep free from moisture. Store opened, unused product in a desiccator at room temperature.

Expiration Date

- Specified on product label.

Shipping Conditions

- Room temperature

Product Documents

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

The following documents apply to this product:

- RNA to cDNA EcoDry Premix Protocol-At-A-Glance

Quality Control Data

Raw Material Quality Control

A sample aliquot of raw material SMART MMLV Reverse Transcriptase was tested to ensure optimal performance by first strand cDNA synthesis and dNTP incorporation assays. The purified enzyme was shown to be free of detectable levels of endonuclease, exonuclease, RNase and DNA contamination.

Functional Quality Control

For each lot, three tubes from a single strip were used to perform first-strand cDNA synthesis. In this assay, template RNA (a synthetic poly-A⁺ RNA ladder ranging in size from 0.5–10 kb) was added to the RNA to cDNA EcoDry Premix and incubated for 1 hr at 42°C. The single-stranded cDNA products were separated on an alkaline-agarose gel, stained with a single-strand DNA binding dye, and visualized with UV light; the expected pattern was observed.

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

Takara Bio USA, Inc.

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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.

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