Certificate of Analysis

Clontech

RNA to cDNA EcoDry™ Premix (Random Hexamers)

Catalog No.	Amount	Lot Number
639569	8 rxns	Specified on product label.

Description

RNA to cDNA EcoDry Premix (Random Hexamers) 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 random hexamer 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

- 1 x 8-tube strip RNA to cDNA EcoDry Premix (Random Hexamers)
- 1 Optically Clear PCR Cap Strip (8 caps/strip)

Storage Conditions

- Always store any unused product at 20–22°C, either (1) back in the original foil pouch, re-sealed with desiccant; or (2) in a desiccator.

Shelf Life

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

Shipping Conditions

- Room temperature

Product User Manuals

User manuals for Clontech® products are available for download at www.clontech.com/manuals.
The following user manual applies to this product:

- RNA to cDNA EcoDry Premix Protocol-at-a-Glance (PT5153-2)

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 to 10 kb) was added to the RNA to cDNA EcoDry Premix and incubated for 1 hour 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.

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(050113)

Notice to Purchaser

RNA to cDNA EcoDry™ Premix (Random Hexamers) (Sample-Not for Sale)

CATALOG NO.

639569

NOTICE TO PURCHASER:

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