

High Yield PCR EcoDry™ Premix

Amount Lot Number Catalog No.

639279 8 rxns Specified on product label.

Description

High Yield PCR EcoDry Premix is a convenient dry master mix that allows efficient amplification of DNA templates. When reconstituted, each tube of High Yield PCR EcoDry Premix contains all of the necessary reagents for high yield PCR, including Titanium® Taq DNA Polymerase Mix, dNTPs, and optimized buffer. Titanium Taq combines a 5'exonuclease-deficient Taq DNA Polymerase with TaqStart® Antibody to allow automatic hot-start PCR. Simply reconstitute the mix by adding PCR-grade water along with your primers and template. EcoDry Premixes are packaged as individual 8-well tube strips with optically clear sealing caps.

Package Contents

- 1 x 8-tube strip High Yield PCR EcoDry Premix
- 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 manuals apply to this product:

High Yield PCR EcoDry Premix Protocol-at-a-Glance (PT5151-2)

Quality Control Data

Raw Material Quality Control

Purified N-terminal deletion mutant of Taq DNA Polymerase was tested for enzymatic activity and PCR performance. Assays were performed to detect endonuclease, exonuclease, and DNA contamination.

Functional Quality Control

Amplification from a genomic DNA template:

7 tubes in a sample strip from this lot of High Yield PCR EcoDry Premix were tested using 50 ng calf thymus genomic DNA per tube as template, and primers specific for the BPTI gene (400 nM). The 8th tube served as a no template control. Cycling conditions were as follows:

95°C. 1 min 1 cvcle 30 cycles 95°C, 15 sec 68°C, 30 sec 68°C, 3 min

An aliquot of PCR product from each tube was electrophoresed on a 1.2% TAE/agarose gel to confirm the presence of a 407 bp band with minimal background. Results of the no template control showed no visible bands.

Clontech Laboratories, Inc.

A Takara Bio Company

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

1 cycle

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

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Notice to Purchaser



High Yield PCR EcoDryTM Premix (Sample-Not for Sale)

CATALOG NO.

639279

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STATEMENT 27

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STATEMENT 68

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Clontech Laboratories, Inc.

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

Japan

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United States/Canada Asia Pacific Europe

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