

CloneAmp™ HiFi PCR Premix

Catalog No.

639298

Amount

200 rxns

Lot Number

Specified on product label.

Description

CloneAmp HiFi PCR Premix is a convenient 2X master mix that provides exceptionally accurate and efficient DNA amplification, due to the high sensitivity, specificity, priming efficiency, and extension efficiency of CloneAmp HiFi Polymerase. In addition, this enzyme is formulated with a hot start antibody to prevent nonspecific amplification. The CloneAmp HiFi PCR Premix contains all of the necessary reagents for high fidelity PCR, including CloneAmp HiFi Polymerase, dNTPs, and optimized buffer. It allows rapid set-up of PCR reactions and is useful for high-throughput applications.

Package Contents

- 4 tubes 2X CloneAmp HiFi PCR Premix (625 µl/tube)

Storage Conditions

- Store at -20°C

Shelf Life

- Specified on product label.

Shipping Conditions

- Dry ice (-70°C)

Product Documents

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

The following documents apply to this product:

- CloneAmp HiFi PCR Premix Protocol-At-A-Glance

Quality Control Data

CloneAmp HiFi PCR Premix was tested for enzymatic activity and PCR performance.

Raw Material Quality Control

A purity test performed with supercoiled pBR322, λ DNA, or λ-Hind III-digested DNA did not detect any nicking, endonuclease, or exonuclease activities.

PCR Performance

- Amplification sensitivity was tested by amplifying a 4 kb fragment from a plasmid DNA template.
- Amplification performance was tested by amplifying 0.5, 1, 2, 3, and 4 kb fragments from a human genomic DNA template.

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 purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Takara Bio USA, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below 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.

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