

Terra™ PCR Direct Polymerase Mix (Sample)

| Catalog No. | Amount | Lot Number |
|------------------------------|---------|-----------------------------|
| 639269 (Not sold separately) | 40 rxns | Specified on product label. |

Description

Terra PCR Direct Polymerase Mix is a novel enzyme developed for direct amplification from tissue samples, crude extracts, and dirty templates. It's perfect for amplifying short DNA targets (up to 2 kb), regardless of GC content or template purity. Terra PCR Direct is a highly sensitive enzyme that allows amplification of targets from small amounts of template. Moreover, the enzyme comes pre-blended with a monoclonal antibody that suppresses polymerase activity up to 98°C, allowing automatic hot start PCR.

Package Contents

- 40 µl Terra PCR Direct Polymerase Mix (1.25 U/µl)
- 1 ml 2X Terra PCR Direct Buffer (with Mg²⁺, dNTP)
- 100 µl Proteinase K

Storage Conditions

- Store at -20°C

Shelf Life

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

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:

- Terra PCR Direct Polymerase Mix User Manual (PT5126-1)
- Terra PCR Direct Polymerase Mix Protocol-at-a-Glance (PT5126-2)

Quality Control Data

Purity:

Supercoiled pBR322 DNA (0.6 µg) and HindIII-digested λ DNA (0.6 µg) were incubated with 10 units of Terra PCR Direct for 1 hour at 74°C; no nicking, endonuclease, or exonuclease activity was detected.

Activity:

1. Terra PCR Direct was used to amplify 0.5 and 2 kb targets from human genomic DNA. The enzyme produced high yields of each target, with little or no background.
2. Terra PCR Direct was used to amplify a 4 kb target from mouse genomic DNA. The enzyme produced high yields of the target, with little or no background.

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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Terra™ PCR Direct Polymerase Mix (Sample-Not for Sale)

CATALOG NO.

639269

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.

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STATEMENT 330

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Takara Bio USA, Inc.

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