

# PRECISOR High-Fidelity DNA Polymerase PLUS

Highest accuracy • High speed and processivity • High yields up to 30kb

PRECISOR High-Fidelity DNA Polymerase is a fast thermostable enzyme possessing 5'-3' DNA polymerase and 3'-5' proofreading exonuclease activities. It is designed to generate amplicons with the highest accuracy and speed, even from your most difficult templates. The enhanced processivity of PRECISOR High-Fidelity DNA Polymerase not only leads to shorter PCR extension times of 15-30s/kb, it also results in high-yield amplification from low template amounts.

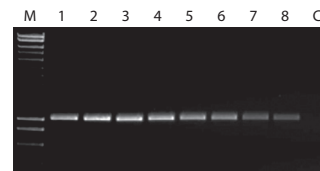
PRECISOR High-Fidelity DNA Polymerase PLUS is an improved offering of our popular PRECISOR High-Fidelity DNA Polymerase containing a ready-to-use dNTP mix for even more convenience.

## Applications

- Cloning techniques requiring high fidelity
- Blunt-end cloning
- Amplification of difficult templates
- Site-directed mutagenesis

[www.biocat.com/precisor](http://www.biocat.com/precisor)

## High-yield amplification from low template amounts.



A 1kb fragment of the mouse 18S rRNA gene was amplified using 1.5 units of PRECISOR High-Fidelity DNA Polymerase and HiFi Buffer. Starting template amount was 6.25ng mouse genomic DNA (lane 1), followed by a series of 2-fold dilutions (lanes 2-8). M: DNA Ladder; C: Non-template Control.

## PRECISOR High-Fidelity DNA Polymerase PLUS

Cat# 1706-125-BL

PRECISOR High-Fidelity DNA Polymerase

dNTP Mix

HiFi Buffer

DMSO

MgCl<sub>2</sub> Solution

GC Buffer

**Request Free Sample**

**BioCat GmbH**

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