

2x Genotyping PCR Master Mix

Cat. No. CMC10 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

2× Genotyping PCR Master Mix (Taq DNA Polymerase in separate tube, should be added before use) is a premixed, ready-to-use solution containing dNTPs, Mg²⁺ and Reaction Buffer at optimal concentrations, specially designed for identifying target DNA fragment from complex genome background. It is about 10²-10⁴ times more sensitive than general PCR system, especially for high GC contents or DNA sequence with complex structure. The 2× Genotyping PCR Master Mix has been optimized for use in routine PCR for amplifying genomic DNA templates in the range of 0.2-3kb.

PCR Master Mix, 2×

dNTPs, Mg²⁺ and optimized Reaction Buffer.

Feature

Fast: Set up reactions in less than a minute. **Sensitive:** Amplify as little as 2 copies of target template. **Convenient:** Two tubes, few pipetting steps. **Complete:** Reagents, Mg²⁺, dNTPs and buffers, in one tubes. **Scalable:** Set up 10μl, 25μl or 50μl reactions. **Stable:** The 2×Mix is stable for 50 freeze-thaw cycles.

Performance Guarantee

Creative BioMart PCR systems, enzymes and reagents are proven in PCR to ensure reliable, high-performance results. If you are not completely satisfied with any Creative BioMart PCR product, we will send a replacement or refund your account.

Applications

Identify transgenic fragment at complicate genomic DNA background. It is not suitable for clone construction which required high accuracy, for this intention we recommend SinoBio HiFiTaq PCR Master Mix or LongTaq PCR Master Mix.

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Quality Control Tests

PCR, activity, Bacterial DNA contamination, endo- and exo- nuclease. Specific performance test.

Storage

Store at -20°C.

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