

EcoTaq 2x PCR Master Mix

40 rxn, 200 rxn

Cat No: ET-1, ET-5

Shipping : Ship at room temperature.
Storage : Store at -20°C. Avoid freeze and thaw cycles.

General Information

EcoTaq 2x PCR Master Mix is designed for effective and fast amplification of templates, up to 7kb, with high fidelity. The mix is provided at 2x concentration and contains *EcoTaq* DNA Polymerase, dNTPs, and optimized buffer. The blue dye within the mix allows immediate loading of reaction mixture after PCR. The products are a mixture of blunt ends and single base (A) 3' overhang and can be used for direct T/A cloning.

Feature

Easy-to-use: Just add DNA template and primers to run your reaction. Load PCR products immediately after PCR without need for Loading Dyes. *EcoTaq* saves your time.

Fast: PCR lasts less than an hour. *EcoTaq* saves your time.

Ecological: Your PCR wastes less electricity since it lasts less an hour. *EcoTaq* helps protecting environment.

Applications

High throughput PCR.
Routine PCR with high reproducibility.
T/A Cloning
RT-PCR

PCR Setup

Component	Amount
<i>EcoTaq</i> 2x PCR Master Mix	25 µl
Forward primer, 10 µM	2 µl
Reverse primer, 10 µM	2 µl
Template DNA	10 pg-500 ng
ddH ₂ O	up to 50 µl
Total	50 µl

PCR Reaction Condition

Temperature	Time	Cycles
98°C	30 sec	
94°C	10 sec	
55-65°C	15 sec	30-35
72°C	5-15 sec/kb	
72°C	1 min	
4°C	∞	