

2 x Taq PCR Mix with MgCl₂

Catalog # D0015

Size 1 Tub

Specification

Product Description

The 2 x Taq PCR Mix with MgCl₂ is a premixed solution containing everything needed for a successful PCR reaction except specific primers and DNA templates. The mix includes high-quality recombinant Taq DNA polymerase, nucleotides, and magnesium in a PCR reaction buffer. For the reaction set-up add the PCR Mix (10 or 25 μ L) to the primers, template, and water for the total reaction volume of 20 or 50 μ L.

Amount

100 rxn (1 mL)

Quality Control Testing

Activity and stability tested at 20, 30 and 40 cycles of PCR reactions at 95°C. Free of detectable, non-specific nucleases.
Several cycles of freezing/thawing are allowed.

Supplied Product

Taq DNA Polymerase (0.1 U/ μ L) in reaction buffer, 4 mM MgCl₂, 0.4 mM of each dNTPs (dATP, dCTP, dGTP, dTTP)
Water (nuclease free) - 1 mL

Storage Instruction

Store at -20°C.

Note

The mixture contains 100 units of Taq DNA Polymerase. It is sufficient for 100 reactions of 20 μ L or 40 reactions of 50 μ L.

Applications

- Polymerase Chain Reaction