

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 µL) to the primers, template, and water for the total reaction volume of 20 or 50 µL.

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/µL) 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 µL or 40 reactions of 50 µL.

Applications

- Polymerase Chain Reaction