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DNA Polymerase (with 2.5 mM dNTPs) (1-2 kb / min) Enzyme

Catalogue No.: abx071005

DNA Polymerase is purified from E. coli expressing a cloned DNA polymerase from *Thermus aquaticus*. The enzyme consists of a single polypeptide with a molecular weight of approximately 94 kDa. DNA Polymerase has 5'-3' DNA polymerase activity and 5'-3' exonuclease activity. The extension rate is about 1-2 kb/min.

Target: DNA Polymerase (1-2 kb/min)

Tested Applications: PCR

Purity: > 99%

Purification: SDS-PAGE.

Conjugation: Unconjugated

Storage: Store at -20°C. Stable for 12 months from date of receipt.

Endotoxin Level: Functional absence of double and single stranded endonuclease activity.

Buffer: 20 mM Tris-HCl (pH 8.0), 0.1 mM EDTA, 1 mM DTT, 100 mM KCl, 50% glycerol, stabilizers.

Note: This product is for research use only.