

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

DNA Polymerase Enzyme (4 kb)

Catalogue No.: abx071004

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. Amplification of genomic DNA fragment up to 4 kb.

Target: DNA Polymerase (4 kb)

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.