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DNA Polymerase Enzyme (15 kb)

Catalogue No.: abx071012

Taq DNA Polymerase is a hot start Taq DNA polymerase containing Taq DNA polymerase and two proprietary DNA binding proteins. At room temperature, one binding protein binds to doublestranded DNA template and another binding protein binds to primers. These unique formulations effectively neutralize the DNA polymerase activity at room temperature. Blocking proteins are released from primers and templates during the initial denaturation. Amplification of genomic DNA fragment up to 15 kb.

Target: DNA Polymerase (15 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.