Pfu DNA Polymerase

Catalog # D0014 Size 2500 Units

Specification

Product Description	In addition to 5'-3' DNA polymerase activity, it also possesses 3'-5' exonuclease (proofreading) activity. *Pfu* DNA Polymerase exhibits the lowest error rate of any thermostable DNA polymerase studied, and is even up to ten-fold more accurate than normal Taq DNA polymerase. Consequently, *Pfu* DNA Polymerase is useful for polymerization reactions requiring high-fidelity synthesis.
Concentration	5 units/uL
Quality Control Testing	Free of detectable, non-specific nucleases.
Supplied Products	10x Pfu buffer 10x Pfu Buffer with MgSO4 25 mM MgSO4
Storage Buffer	20 mM Tris-HCl (pH 8.0), 1 mM DTT, 0.1 mM EDTA, 100 mM KCl, 0.5% Nonidet P40, 0.5% Tween 20 and 50% glycerol.
Storage Instruction	Store at -20°C. Guaranteed stable for 6 months when properly stored.
Note	MOQ 200 EUR

Applications

- Polymerase Chain Reaction

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