

Product Datasheet

GDP-HiFi DNA Polymerase orb180490

Description	GDP-HiFi is a new recombinant enzyme with genetic modification for its amino acid sequence, which results 70 times better fidelity than Taq DNA polymerase and an extremely fast elongation rate (as fast as 15 seconds per kb). GDP-HiFi has higher stability at high temperature. Users may program the initial denaturizing at even 100°C for 2 min, and this property makes GDP-HiFi perform very well for GC-rich PCR.
Hazard Information	Non-Toxic
Target	GDP-HiFi DNA Polymerase
Form/Appearance	50 mM Tris-HCl (pH 8.1), 60 mM KCl, 0.1 mM EDTA, 1 mM DTT, stabilizers, and 50% (v/v) glycerol
Concentration	1 U/μl
Storage	Store at -20°C
Note	For research use only.
Expiration Date	12 months from date of receipt.