

Product Datasheet

Taq DNA Polymerase orb180491

Description	Taq DNA Polymerase is purified from E. coli, expressing a <i>Thermus aquaticus</i> DNA polymerase gene. This enzyme has a 5-3 DNA polymerase and a 5-3 exonuclease activity but lacks a 3-5 exonuclease activity. The enzyme consists of a single polypeptide with a molecular weight of approximately 94 kDa. Taq DNA polymerase is heat-stable and will synthesize DNA at elevated temperatures from single-stranded templates in the presence of a primer.
Hazard Information	Non-Toxic
Target	Taq DNA Polymerase
Form/Appearance	20 mM Tris-HCl (pH 8.0), 0.1 mM EDTA, 1 mM DTT, 50% (v/v) glycerol, and 1% Triton X-100
Concentration	5 units/ μ l
Storage	Store at -20°C
Note	For research use only.
Expiration Date	12 months from date of receipt.