

## **Taq Pro HotStart DNA Polymerase**

## **Product Information**

Cat#	DIA-446
Description	Next-generation hot-start Taq polymerase with enhanced template binding, amplification specificity, and low-copy detection sensitivity. Ideal for DNA templates (e.g., viral DNA) in probe-based quantitative PCR, delivering accurate quantification, broad dynamic range, and excellent reproducibility. Compatible with various template types, GC content, primer Tm, and inhibitors.
Storage	−30 °C to −15 °C
Synonyms	Next-generation hot-start Taq polymerase
Applications	Viral detection; qPCR with high tolerance to blood inhibitors.
Product Overview	Product Components: 250 U:  5x Taq Pro Buffer (dNTP plus, Mg²+ plus): 1 mL  Taq Pro HS DNA Polymerase (5 U/μL): 50 μL  1000 U:  5x Taq Pro Buffer (dNTP plus, Mg²+ plus): 4 x 1 mL  Taq Pro HS DNA Polymerase (5 U/μL): 200 μL  5000 U:  5x Taq Pro Buffer (dNTP plus, Mg²+ plus): 20 x 1 mL  Taq Pro HS DNA Polymerase (5 U/μL): 1 mL  Product Features:  Broad compatibility: supports primers with different Tm values, simplifying PCR amplification  High sensitivity: suitable for low-template detection  High reproducibility: strong stability ensures reliable results  Strong tolerance: capable of amplifying from blood-extracted samples or crude blood lysates
Package	500/1000/5000 U

Fax:1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA