



Azura Taq DNA Polymerase

Azura Taq DNA Polymerase is a highly efficient DNA Polymerase which exhibits increased affinity for template DNA and improved activity.

The recombinant enzyme and proprietary 5x buffer system deliver enhanced sensitivity, DNA yield and reaction speed with a wide range of templates including complex mammalian genomic DNA. Azura Taq DNA Polymerase catalyzes 5'→3' synthesis of DNA, has no detectable 3'→5' exonuclease (proofreading) activity and possesses 5'→3' exonuclease activity. In addition, the enzyme exhibits deoxynucleotidyl transferase activity, which results in the addition of extra adenines at the 3'-end of PCR products.

Applications

High-throughput PCR

- Genotyping
- Colony PCR
- Fast PCR

Universal

Robust amplification across a wide range of templates and sequence complexity

Convenience of Minimal Optimization

5x buffer system contains MgCl₂ and PCR enhancer

High Performance

Robust PCR results of amplicons 5 kb and shorter

Flexibility

Available as ready-to-use 2x Taq Mix and 2x Taq Red Mix for reduced pipetting and improved sample throughput.

Ordering Information:

Catalog #	Description:	Pack Size
AZ-1205	Azura Taq DNA Polymerase	500u (5u/μl)
AZ-1210	Azura Taq DNA Polymerase	1000u (5u/μl)
AZ-1250	Azura Taq DNA Polymerase	5000u (5u/μl)