

Bst II DNA Polymerase Large Fragment

Product Information

Cat#	DIA-453
Description	Large fragment of <i>Bacillus stearothermophilus</i> DNA polymerase with 5'→3' polymerase activity and strong strand displacement but lacking 5'→3' exonuclease activity. Suitable for isothermal amplification including LAMP, HDA, and RCA. Compared with Bst DNA Polymerase Large Fragment, Bst II offers higher amplification speed, dUTP tolerance, salt tolerance, and thermal stability.
Storage	−30 °C to −15 °C
Applications	Isothermal amplification: LAMP (Loop-Mediated Isothermal Amplification), HDA (Helicase-Dependent Amplification), RCA (Rolling Circle Amplification).
Product Overview	Product Components: Bst II DNA Polymerase Large Fragment (8 U/μL): 200 μL 10x IsothermalAmp Buffer: 500 μL MgSO ₄ (100 mM): 300 μL Product Features: Rapid amplification speed High specificity Strong impurity tolerance
Package	1600 U