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Product Datasheet

Fast Bst Polymerase Hot-Start #8201

Product Name	Fast Bst Polymerase Hot-Start
Catalog Number	#8201
Description	Fast Bst Polymerase Hot-Start is a recombinant DNA polymerase from *Geobacillus stearothermophilus* with aptamer-based heat-activation technology to minimize non-specific amplification at room temperature. Optimized for isothermal amplification methods like LAMP and SIBA, it offers high strand displacement activity, inhibitor tolerance, and a broad operating temperature range (55–70°C), with optimal activity at 65°C. This glycerol-free enzyme supports real-time monitoring with intercalating dyes and is compatible with portable instruments, making it ideal for rapid and robust nucleic acid isothermal amplification.
Tested Applications	Isothermal
Brand	Medix Biochemica
Storage	-20°C
Content	1 600 U: 8 U/µl, 1 x 0.2 ml Fast Bst Polymerase Hot-Start; 1 x 0.5 ml 10x Fast Buffer A; 1 x 1 ml 5x Fast Buffer B 8 000 U: 8 U/µl, 1 x 1 ml Fast Bst Polymerase Hot-Start; 2 x 1.25 ml 10x Fast Buffer A; 3 x 1.7 ml 5x Fast Buffer B