

## Product Datasheet

### Fast Bst Polymerase Warm-Start #8201

<b>Product Name</b>	Fast Bst Polymerase Warm-Start
<b>Catalog Number</b>	#8201
<b>Description</b>	<p>Fast Bst Polymerase Warm-Start is a recombinant DNA polymerase from <i>Geobacillus stearothermophilus</i> with aptamer-based warm-start technology to minimize non-specific amplification at room temperature.</p> <p>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.</p>
<b>Tested Applications</b>	Isothermal
<b>Brand</b>	Medix Biochemica
<b>Storage</b>	-20°C
<b>Content</b>	<p>1 600 U: 8 U/μl, 1 x 0.2 ml Fast Bst Polymerase Warm-Start; 1 x 0.5 ml 10x Fast Buffer A; 1 x 1 ml 5x Fast Buffer B</p> <p>8 000 U: 8 U/μl, 1 x 1 ml Fast Bst Polymerase Warm-Start; 2 x 1.25 ml 10x Fast Buffer A; 3 x 1.7 ml 5x Fast Buffer B</p>