

## Product Datasheet

### Fast Bst Polymerase Warm-Start #8201

**Product Name** Fast Bst Polymerase Warm-Start

**Catalog Number** #8201

**Description** Fast Bst Polymerase Warm-Start is a recombinant DNA polymerase from *Geobacillus stearothermophilus* with aptamer-based warm-start 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 Warm-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 Warm-Start; 2 x 1.25 ml 10x Fast Buffer A; 3 x 1.7 ml 5x Fast Buffer B