

## Product Datasheet

### Fast Bst Polymerase #8301

**Product Name** Fast Bst Polymerase

**Catalog Number** #8301

**Description** Fast Bst Polymerase is a recombinant DNA polymerase expressed by *Geobacillus stearothermophilus*. The DNA polymerase displays high strand displacement activity, exhibits 5' to 3' polymerase activity, but lacks 5' to 3' exonuclease activity. Fast Bst Polymerase is tolerant to inhibitors, enabling rapid and robust isothermal nucleic acid amplification reactions at a constant temperature. The typical reaction temperature is 65°C.

**Tested Applications** Isothermal

**Brand** Medix Biochemica

**Storage** -20°C

**Content** 1 600 U: 8 U/μl, 1 x 0.2 ml Fast Bst Polymerase; 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; 2 x 1.25 ml 10x Fast Buffer A; 3 x 1.7 ml 5x Fast Buffer B