

## Product Datasheet

### Fast Bst Polymerase with Fluorescence #8401

<b>Product Name</b>	Fast Bst Polymerase with Fluorescence
<b>Catalog Number</b>	#8401
<b>Description</b>	Fast Bst Polymerase is a recombinant DNA polymerase expressed by <i>Geobacillus stearothermophilus</i> . 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. Addition of an intercalating dye allows the reaction to be monitored using a real-time PCR instrument.
<b>Tested Applications</b>	Isothermal
<b>Brand</b>	Medix Biochemica
<b>Storage</b>	-20°C
<b>Content</b>	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; 2 x 0.125 ml 20x Fluorescent dye  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; 2 x 0.625 ml 20x Fluorescent dye