

Product Datasheet

Fast Bst Polymerase with Fluorescence #8401

Product Name	Fast Bst Polymerase with Fluorescence
Catalog Number	#8401
Description	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.
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; 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