

Product Datasheet

MedixMDx HS HiFi DNA Polymerase MX1103

Product Name	MedixMDx HS HiFi DNA Polymerase
Catalog Number	MX1103
Description	MedixMDx HS HiFi DNA Polymerase is an aptamer-based hot-start, high fidelity hyperthermophilic recombinant DNA polymerase from the archaeon <i>Pyrococcus furiosus</i> . MedixMDx HS HiFi DNA Polymerase exhibits 5' to 3' polymerase activity and 3' to 5' exonuclease activity. The optimized buffer chemistry facilitates high sensitivity, yield, specificity, robust and rapid polymerase processivity. The enzyme is ideal for long, complex, difficult DNA templates and is resistant to PCR inhibitors. MedixMDx HS HiFi DNA Polymerase has a lower error rate than standard Taq DNA polymerase (100x) and therefore, is suitable for PCR applications where higher accuracy is needed.
Tested Applications	End-Point, Real-Time
Brand	Medix Biochemica
Storage	-20°C
Content	100 U: 2 U/μl, 1 x 0.05 ml MedixMDx HS HiFi DNA Polymerase; 1 x 1.7 ml 5x MedixMDx HiFi Buffer; 1 x 1.7 ml 10x HiFiOpt Enhancer 500 U: 2 U/μl, 1 x 0.25 ml MedixMDx HS HiFi DNA Polymerase; 3 x 1.7 ml 5x MedixMDx HiFi Buffer; 2 x 1.7 ml 10x HiFiOpt Enhancer