

# Bestaq™ DNA Polymerase

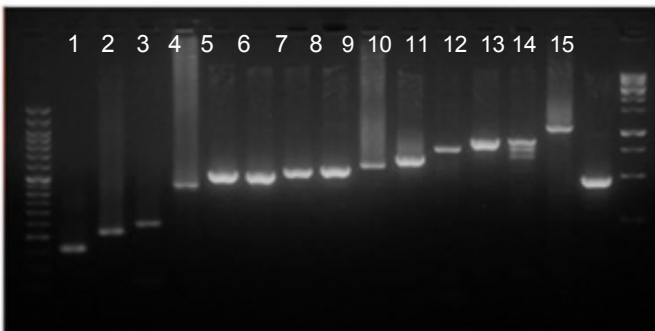
## Industry Leading Performance for High-Throughput PCR with Next Generation Enzymes

crb's Bestaq™ DNA Polymerase is a single polymerase system strategically engineered with enhanced functionalities for unbeatable yield, fidelity and speed. With up to a 70% reduction in reaction times and no compromise on performance, Bestaq™ DNA Polymerase is the only product guaranteed to satisfy all your PCR needs!

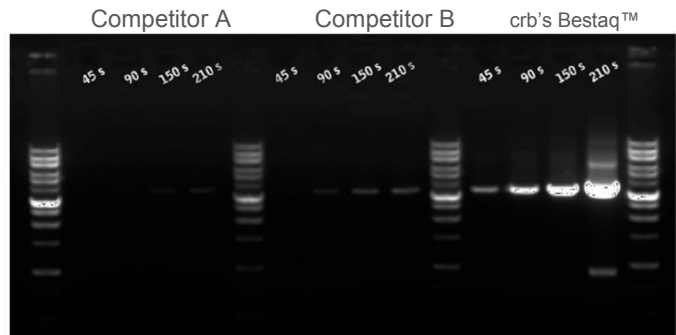
### Advantages of Switching to Bestaq™ DNA Polymerase

- Fast Amplification Speeds - Decrease Lengthy Extension Times as Low as 1kb/sec
- Increased Binding Affinity to DNA for High Processivity and Improved Sensitivity
- For Any Routine and Challenging PCR with AT- and GC- rich Templates or Long amplicons up to 15kb
- Exceptionally High Fidelity – 50X Higher Compared to Standard Taq
- Available as an Independent Enzyme or Ready-to-use MasterMix for Convenience

Drastically reduce cycling times with extension speeds as low as 1kb/sec



Amplification of 15 genomic DNA templates ranging in sizes from 100bp – 1kb followed by electrophoresis on a 1% agarose gel. Samples were amplified with Bestaq™ DNA Polymerase with an extension time 1sec.



A 3.5 kb target gene was amplified using Bestaq™ and two competitors polymerases. Bestaq™ was able to amplify the target with superior yields in a shorter time

Product Name	Size	Cat.No.
Bestaq DNA Polymerase	100 U (50 µl)	G456
Bestaq DNA Polymerase	400 U (200 µl)	G457
2X PCR Bestaq Mastermix	5.0 ml (200 PCR reactions)	G464
2X PCR Bestaq Mastermix with dye	5.0 ml (200 PCR reactions)	G464-dye

