



## New Product Release

February 2016

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### **SD (Stringent Demands) Polymerase**

SD polymerase is a variation of Taq with strong strand displacement activity and processivity<sup>1</sup>. It lacks significant exonuclease activity. It is particularly useful in amplifications with more Stringent Demands.

With SD Polymerase you have:

**-More robust and sensitive LAMP and PCDR assays:**

*More thermostable and generally higher amplification yield than Bst in assays calling for strand displacement*

**-Better PCR with difficult templates:**

*More readily amplifies DNA with complex secondary structure and higher GC content, with improved product yield than standard Taq*

**-Less assay optimization required; excellent in multiplexing PCR assays:**

*Long distance PCR capable, more robust over a wider range of DNA parameters (GC content, secondary structure), not an enzyme mix*

**-Readily fits into your established protocols:**

*Assays can include a standard anti-Taq antibody hot-start*

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### **Other Featured Polymerases**

**TthPlus DNA Polymerase:**

For one-step reverse transcription and PCR

**KlenThermase:**

High fidelity polymerase for optimized cycle sequencing, minisequencing, and SNP genotyping

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Please contact us for samples

We look forward to helping with your research and discoveries!  
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