

We are offering Agilent's bioreagent with a key component the patented ArchaeMaxx® Polymerase-Enhancing Factor. Our scientists discovered the ArchaeMaxx factor and have included it in our PfuUltra™ II, Herculase® II, Paq5000 DNA polymerases. The ArchaeMaxx factor eliminates inhibition by eliminating the dUTP, facilitating improved overall PCR performance, promoting shorter extension times, higher yield, and greater target length amplification capability.

PCR DNA Amplification

Product	Advantages	Volume	# Cat
PfuUltra™ II Fusion HS DNA Polymerase	+ Lowest error rate of any PCR enzyme (20X more accurate than Taq)	40 rxn	600670
	+ Improved reliability	200 rxn	600672
	+ 70-80% faster cycling time	400 rxn	600674
	+ Amplify up to 19 kb in a fraction of the time + Available in a master mix for high throughput (#Cat 600850, 600852)		
Herculase® II Fusion DNA Polymerase with dNTPs	+ Fidelity comparable to Pfu + Robust yield and excellent reliability	200 rxn	600677
	+ 70-80% faster cycling time	400 rxn	600679
	+ Universal buffer for routine PCR and GC-rich targets		
	+ Contains ArchaeMaxx® factor for high-performance		
Paq5000 2X Master Mix	+ Economic alternative to Taq	100 rxn	600870
	+ High PCR yield , Hotstart PCR	400 rxn	600872
	+ Fast cycling conditions		
Easy-A® High-Fidelity PCR Cloning Enzyme	+ High fidelity TA/UA cloning	100 U	600400
	+ Proofreading polymerase that adds 3'-A overhangs	500 U	600402
	+ Accuracy equivalent to Pfu DNA polymerase with cloning efficiency of Taq	1000 U	600404
	+ Hotstart for high specificity + Available in a master mix for high throughput (#Cat 600640, 600642)		

PCR RNA Amplification

Product	Volume	# Cat
AffinityScript QPCR cDNA Synthesis Kit	50 rxn	600559
AffinityScript One-Step RT-PCR Kit	100 rxn	600188
AffinityScript Multiple Temperature cDNA Synthesis Kit	50 rxn	200436
AffinityScript Multiple Temperature Reverse Transcriptase	50 rxn	600105
	100 rxn	600107
	200 rxn	600109
AccuScript High-Fidelity 1st Strand cDNA Synthesis Kit	50 rxn	200820
AccuScript Reverse Transcriptase	50 rxn	600089
	200 rxn	600090
AccuScript High-Fidelity RT-PCR Kit	50 rxn	600180
AccuScript PfuUltra II RT-PCR Kit	50 rxn	600184

Synthetic Biology

Cloning and Mutagenesis

SureVector

CRISPR Cas9 Nuclease

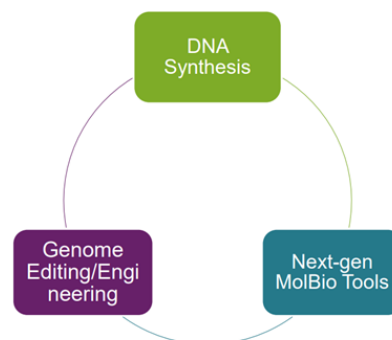
Contact us for other promo on Agilent PCR enzymes!



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