

One Sale

Two Industry-Leading Polymerases, Exclusively From New England Biolabs

Offer Valid From November 15th - December 15th, 2015

Q5TM High-Fidelity DNA Polymerase

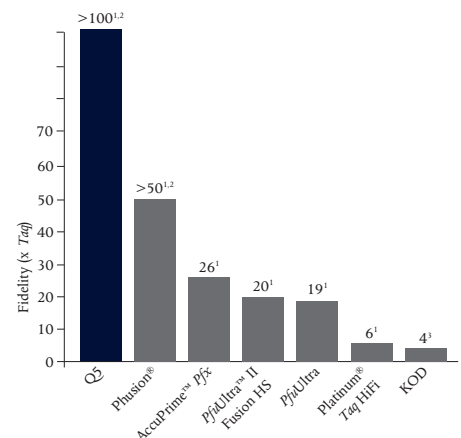
Advantages:

- Highest fidelity amplification (>100X higher than Taq)
- Ultra-low error rates
- Superior performance for a broad range of amplicons (from high AT to high GC)
- Ultra-high processivity
 - 10 s/kb (<1 kb)
 - 20-30 s/kb (>1 kb)
- Hot start and master mix formats available

Ordering Information

NEB #	SIZE	LIST PRICE	MEDSTORE SALE PRICE
M0491S	100 units	\$146	\$112.11
M0491L	500 units	\$583	\$447.66

Comparison of high fidelity polymerases



¹ PCR-based mutation screening in lacZ (NEB), lacI (Agilent) or rpsL (Life)

² Due to the very low frequency of misincorporation events being measured, the error rate of high-fidelity enzymes like Q5 is difficult to measure in a statistically significant manner. Although measurements from assays done side-by-side with Taq yield a Q5 fidelity values of approximately 200X Taq, we report ">100X Taq" as a conservative value.

³ Takagi et al (1997) Appl. Env. Microbiol. 63, 4504-4510.

Phusion[®] High-Fidelity DNA Polymerase *

Ordering Information

NEB #	SIZE	LIST PRICE	MEDSTORE SALE PRICE
M0530S *	100 units	\$147	\$101.82
M0530L *	500 units	\$588	\$432.73

*Manufactured and quality-controlled at New England Biolabs.

NEB/CST Ontario Territory Manager
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New England Biolabs Ltd. is the exclusive Canadian distributor for Cell Signaling Technology, Inc.
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