



OneTaq[®] DNA Polymerase Quick-Load & Master Mixes

Expires Dec 31st, 2022

NOW AVAILABLE
AT MEDSTORE

PRODUCT	NEB#	LIST PRICE	PROMOTIONAL PRICE*
OneTaq [®] DNA Polymerase	M0480S - 200 units	\$48.00	\$37.80
	M0480L - 1,000 units	\$144.00	\$149.40
	M0480X - 5,000 units	\$480.00	\$588.60
OneTaq Quick-Load DNA Polymerase	M0509S - 160x 25 µl rxns	\$21.60	\$21.60
	M0509L - 800x 25 µl rxns	\$79.20	\$79.20
	M0509X - 4,000x 25 µl rxns	\$307.80	\$307.80
OneTaq [®] 2X Master Mix with Standard Buffer	M0482S - 200x 25 µl rxns	\$37.80	\$37.80
	M0482L - 1,000x 25 µl rxns	\$166.80	\$166.80
OneTaq [®] Quick-Load 2X Master Mix with Standard Buffer	M0486S - 200x 25 µl rxns	\$37.80	\$37.80
	M0486L - 1,000x 25 µl rxns	\$166.80	\$166.80
OneTaq [®] Hot Start DNA Polymerase	M0481S - 200 units	\$78.60	\$78.60
	M0481L - 1,000 units	\$313.80	\$313.80
	M0481X - 5,000 units	\$1,243.20	\$1,243.20
OneTaq [®] Hot Start 2X Master Mix with Standard Buffer	M0484S - 200x 25 µl rxns	\$63.00	\$63.00
	M0484L - 1,000x 25 µl rxns	\$285.00	\$285.00
OneTaq [®] Hot Start 2X Master Mix with GC Buffer	M0485S - 200x 25 µl rxns	\$63.00	\$63.00
	M0485L - 1,000x 25 µl rxns	\$285.00	\$285.00
OneTaq [®] Hot Start Quick-Load 2X Master Mix with Standard Buffer	M0488S - 200x 25 µl rxns	\$63.00	\$63.00
	M0488L - 1,000x 25 µl rxns	\$285.00	\$285.00
OneTaq [®] Hot Start Quick-Load 2X Master Mix with GC Buffer	M0489S - 200x 25 µl rxns	\$63.00	\$63.00
	M0489L - 1,000x 25 µl rxns	\$285.00	\$285.00

Advantages of OneTaq[®] DNA Polymerase Enzymes

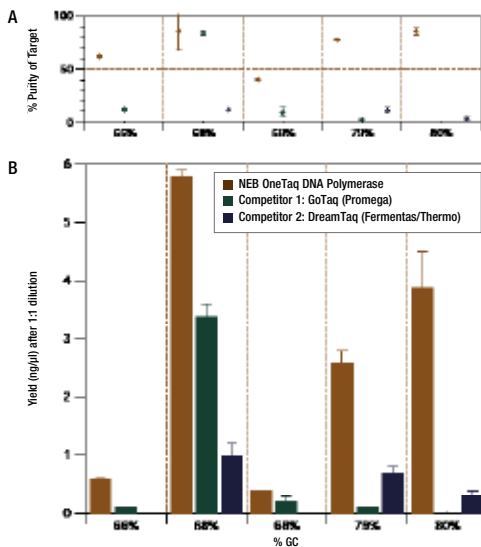
- Blend of Taq and Deep Vent, optimized for robust amplification across the broadest range of templates
- Fidelity is twice that of Taq DNA Polymerase
- Little or no optimization is required to achieve high yields

Advantages of OneTaq's aptamer-based hot start technology

- Room temperature reaction set-up
- No separate activation incubation required
- Value pricing
- Polymerase retains high specific activity

Advantages of OneTaq[®] Buffers:

- Formulated to enable robust amplification across a broad range of GC/AT content
- Buffer chart enables simple selection of the correct buffer
- High GC Enhancer enables amplification even of amplicons with very high GC content
- Mg-free buffer options are also available



OneTaq[®] DNA Polymerase

OneTaq DNA Polymerase is an optimized blend of Taq and Deep Vent[™] DNA polymerases for use with routine and difficult PCR experiments. The 3'→5' exonuclease activity of Deep Vent DNA Polymerase increases the fidelity and robust amplification of Taq DNA Polymerase (1). The OneTaq Reaction Buffers and High GC Enhancer have been formulated for robust yields with minimal optimization, regardless of a template's GC content.

OneTaq DNA Polymerase is supplied with two 5X buffers: (Standard and GC), as well as a High GC Enhancer solution. For most routine and/or AT-rich amplicons (Lambda, etc.) or complex amplicons with up to ~65% GC content, OneTaq Standard Reaction Buffer provides robust amplification. For GC-rich amplicons, the OneTaq GC Reaction Buffer can improve both performance and yield. For particularly high GC or difficult amplicons, the OneTaq High GC Enhancer can be added at a final concentration of 10–20% to reactions containing OneTaq GC Reaction Buffer.

The figure exemplifies the superior performance, in this case with high GC amplicons, of OneTaq DNA Polymerase versus two leading non-hot start "enhanced" Taq polymerases. The yield and the % purity of the reaction products are shown.

*TERMS & CONDITIONS: Offer valid in Canada only. Expires December 31st, 2022. Discount is eligible for products listed on this flyer. Purchase can be made online at www.neb.ca or through a NEB freezer program. Eligible products get discounted automatically when added to cart. Promotion not valid for cash or cash equivalent towards purchase(s). No substitutions. Offer may not be applied to existing, pending or prior orders. Cannot be combined with any other promotion or discount. One or more of these products are covered by patents, trademarks and/or copyrights owned or controlled by New England Biolabs, Inc. For more information, please email us at orders.ca@neb.com

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be INSPIRED
drive DISCOVERY
stay GENUINE

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