40%* OFF

One*Taq*® DNA Polymerase

Quick-Load & Master Mixes

NEW ENGLAND BioLabs Ltd.

NOW AVAILABLE AT MEDSTORE

PRODUCT	NEB#	LIST PRICE	PROMOTIONAL PRICE *
OneTaq Quick-Load DNA Polymerase	M0509S - 160x 25 µl rxns	~~$38.00~~	$19.80
	M0509L - 800x 25 µl rxns	~~$122.00~~	$73.20
	M0509X - 4,000x 25 µl rxns	~~$480.00~~	$287.99
One*Taq*® 2X Master Mix with Standard Buffer	M0482S - 200x 25 µl rxns	~~$59.00~~	$35.40
	M0482L - 1,000x 25 µl rxns	~~$258.00~~	$154.80
One*Taq*® Quick-Load 2X Master Mix with Standard Buffer	M0486S - 200x 25 µl rxns	~~$59.00~~	$35.40
	M0486L - 1,000x 25 µl rxns	~~$258.00~~	$154.80
One*Taq*® Hot Start 2X Master Mix with Standard Buffer	M0484S - 200x 25 µl rxns	~~$98.00~~	$58.80
	M0484L - 1,000x 25 µl rxns	~~$445.00~~	$266.99
One*Taq*® Hot Start 2X Master Mix with GC Buffer	M0485S - 200x 25 µl rxns	~~$98.00~~	$58.80
	M0485L - 1,000x 25 µl rxns	~~$445.00~~	$266.99
One*Taq*® Hot Start Quick-Load 2X Master Mix with Standard Buffer	M0488S - 200x 25 µl rxns	~~$98.00~~	$58.80
	M0488L - 1,000x 25 µl rxns	~~$445.00~~	$266.99
One*Taq*® Hot Start Quick-Load 2X Master Mix with GC Buffer	M0489S - 200x 25 µl rxns	~~$98.00~~	$58.80
	M0489L - 1,000x 25 µl rxns	~~$445.00~~	$266.99
***Taq* Master Mixes Also On Sale**			
Taq 2X Master Mix	M0270L - 1,000x 25 µl rxns	~~$196.00~~	$117.60
Taq 5X Master Mix	M0285L - 1,000x 25 µl rxns	~~$199.00~~	$119.40
Quick-Load *Taq* 2X Master Mix	M0271L - 1,000x 25 µl rxns	~~$319.00~~	$191.39
Hot Start Taq 2X Master Mix	M0496S - 200x 25 µl rxns	~~$81.00~~	$48.60
	M0496L - 1,000x 25 µl rxns	~~$324.00~~	$194.99
Multiplex PCR 5X Master Mix	M0284S - 200x 25 µl rxns	~~$335.00~~	$200.99

Advantages of One*Taq*® DNA Polymerase Enzymes

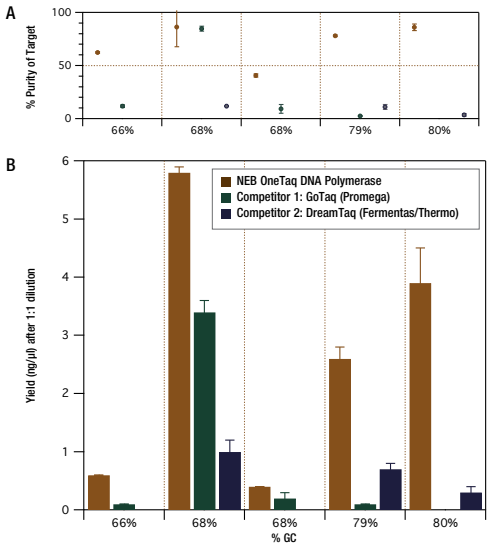
- Blend of *Taq* and Deep Vent, optimized for robust amplification across the broadest range of templates
- Fidelity is twice that of *Taq* DNA Polymerase
- Little or no optimization is required to achieve high yields

Advantages of One*Taq'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 One*Taq*® 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



One*Taq*® DNA Polymerase

One*Taq* DNA Polymerase is an optimized blend of Taq and Deep Vent$_R$™ 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.

One*Taq* 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, One*Taq* Standard Reaction Buffer provides robust amplification. For GC-rich amplicons, the One*Taq* GC Reaction Buffer can improve both performance and yield. For particularly high GC or difficult amplicons, the One*Taq* High GC Enhancer can be added at a final concentration of 10–20% to reactions containing One*Taq* 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 March 31st, 2019. Discount is eligible for products listed on this flyer. Promotion not valid for cash or cash equivalent towards purchase(s). No substitutions. 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 gbd@neb.com. The use of these products may require you to obtain additional third party intellectual property rights for certain applications.

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drive DISCOVERY
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