



Expires June 30th, 2024

OneTaq[®], Taq DNA Polymerase & Master Mixes

NOW AVAILABLE AT MEDSTORE

OneTaq[®] Quick-Load 2X Master Mix with Standard Buffer



M0486S

~~\$70~~
\$42

200x 25 µl rxns

Use in Genotyping and Colony PCR

M0486L

~~\$309~~
\$185

1,000x 25 µl rxns

Taq DNA Polymerase with ThermoPol[®] Buffer



M0267E

~~\$1,887~~
\$1,132

32,000x 25 µl rxns
(5x 4,000U vials)

Taq DNA Polymerase with Standard Taq Buffer



M0273E

~~\$1,887~~
\$1,132

32,000x 25 µl rxns
(5x 4,000U vials)

Less than
6¢
Unit

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

PRODUCT	NEB#	LIST PRICE	PROMOTIONAL PRICE*
OneTaq[®]			
OneTaq [®] DNA Polymerase	M0480S - 320x 25 µl rxns	\$69	\$41.40
	M0480L - 1,600x 25 µl rxns	\$276	\$165.60
	M0480X - 8,000x 25 µl rxns	\$1,090	\$654
OneTaq [®] Quick-Load DNA Polymerase	M0509L - 800x 25 µl rxns	\$147	\$88.20
	M0509X - 4,000x 25 µl rxns	\$565	\$339
OneTaq [®] 2X Master Mix with Standard Buffer	M0482S - 200x 25 µl rxns	\$69	\$41.40
	M0482L - 1,000x 25 µl rxns	\$306	\$183.60
OneTaq [®] Hot Start DNA Polymerase	M0481S - 800x 25 µl rxns	\$145	\$87
	M0481L - 1,600x 25 µl rxns	\$576	\$346.80
	M0481X - 8,000x 25 µl rxns	\$2,257	\$1,354.19
OneTaq [®] Hot Start 2X Master Mix with Standard Buffer	M0484S - 200x 25 µl rxns	\$117	\$70.20
	M0484L - 1,000x 25 µl rxns	\$527	\$316.20
OneTaq [®] Hot Start 2X Master Mix with GC Buffer	M0485S - 200x 25 µl rxns	\$117	\$70.20
	M0485L - 1,000x 25 µl rxns	\$527	\$316.20
OneTaq [®] Hot Start Quick-Load 2X Master Mix with Standard Buffer	M0488S - 200x 25 µl rxns	\$117	\$70.20
	M0488L - 1,000x 25 µl rxns	\$527	\$316.20
OneTaq [®] Hot Start Quick-Load 2X Master Mix with GC Buffer	M0489S - 200x 25 µl rxns	\$117	\$70.20
	M0489L - 1,000x 25 µl rxns	\$527	\$316.20

PRODUCT	NEB#	LIST PRICE	PROMOTIONAL PRICE*
Taq			
Taq DNA Polymerase with ThermoPol [®] Buffer	M0267S - 640x 25 µl rxns	\$99	\$59.39
	M0267L - 3,200x 25 µl rxns	\$369	\$233.40
	M0267X - 6,400x 25 µl rxns	\$710	\$426
Taq DNA Polymerase with Standard Taq Buffer	M0273S - 640x 25 µl rxns	\$99	\$59.39
	M0273L - 3,200x 25 µl rxns	\$390	\$234
	M0273X - 6,400x 25 µl rxns	\$709	\$425.40
Hot Start Taq DNA Polymerase	M0495S - 320x 25 µl rxns	\$110	\$65.99
	M0495L - 1,600x 25 µl rxns	\$432	\$259.20
Taq Master Mixes			
Taq 2X Master Mix	M0270L - 1,000x 25 µl rxns	\$280	\$138
Taq 5X Master Mix	M0285L - 1,000x 25 µl rxns	\$238	\$142.80
Quick-Load Taq 2X Master Mix	M0271L - 1,000x 25 µl rxns	\$372	\$223.20
Multiplex PCR 5X Master Mix	M0284S - 200x 25 µl rxns	\$403	\$241.79
Hot Start Taq 2X Master Mix	M0496S - 200x 25 µl rxns	\$90	\$59.39
	M0496L - 1,000x 25 µl rxns	\$386	\$231.60

*TERMS & CONDITIONS: Offer valid in Canada only. Expires June 30th, 2024. Discount is eligible for products listed on this flyer. 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 gbd@neb.com

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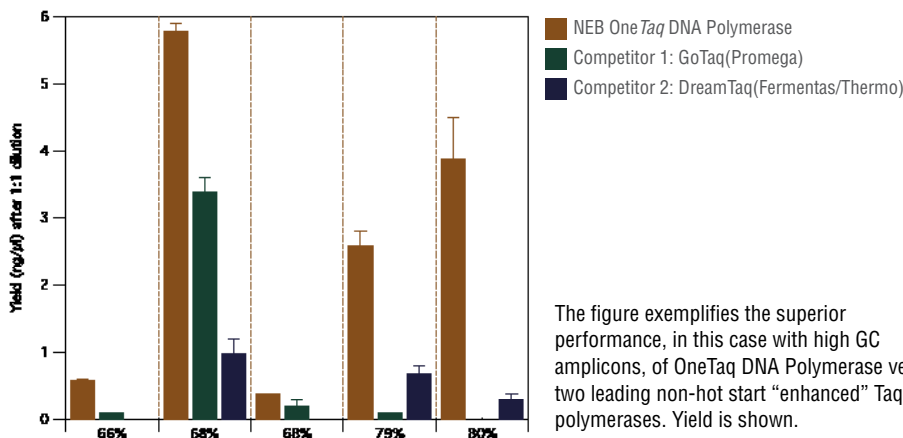


Comparison of OneTaq Hot Start DNA Polymerase to other commercially available hot start polymerases.

Polymerase	Additives	55	65	66	GC%	67	78	79
OneTaq® DNA Polymerase (NEB)	None*	●	●	●		●	●	●
OneTaq HotStart DNA Polymerase (NEB)	None*	●	●	●		●	●	●
AmpliTaq Gold® 360 DNA Polymerase (Thermo Fisher)	None 360 GC E nhancer	●	●	●		●	●	●
DreamTaq® Hot Start DNA Polymerase (Thermo Fisher)	(Not provided)	●	●	●		●	●	●
FastStart™ Taq DNA Polymerase (Roche)	None GC-RICH solution	●	●	●		●	●	●
GoTaq® G2 Hot Start Polymerase (Promega)	(Not provided)	●	●	●		●	●	●
GoTaq Hot Start Polymerase (Promega)	(Not provided)	●	●	●		●	●	●
HotStarTaq® DNA Polymerase (Qiagen)	Q- S olution None	●	●	●		●	●	●
HotStarTaq Plus DNA Polymerase (Qiagen)	Q- S olution None	●	●	●		●	●	●
iTaq™ DNA polymerase (Bio-Rad)	(Not provided)	●	●	●		●	●	●
JumpStart™ Taq DNA Polymerase (Sigma)	None	●	●	●		●	●	●
Platinum™ II Taq Hot-Start DNA Polymerase (Thermo Fisher)	Platinum GC Enhancer None	●	●	●		●	●	●
Platinum Taq DNA Polymerse High Fidelity (Thermo Fisher)	(Not provided)	●	●	●		●	●	●
Platinum Taq DNA Polymerase (Thermo Fisher)	None KB Extender	●	●	●		●	●	●
Ex Taq® DNA Polymerase, hot-start version (TaKaRa)	(Not provided)	●	●	●		●	●	●
Titanium™ Taq DNA Polymerase (TaKaRa)	(Not provided)	●	●	●		●	●	●



*OneTaq products are supplied with OneTaq Standard Reaction Buffer and OneTaq GC Reaction Buffer. The GC reaction buffer was used to amplify the targets shown in the table. For other products, amplification reactions were conducted both with and without GC enhancers (if provided).



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. Yield is shown.



To learn how OneTaq can be used in colony PCR, download the application note at www.neb.com/OneTaq

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