

Lighting the way.™

Introducing Luna® qPCR Master Mix

Exceptional quality at a great price



Request a free
sample from your
Territory Manager

Fluorescence-based quantitative real-time qPCR (qPCR) is the “gold standard” for the detection and quantitation of nucleic acids due to its sensitivity and specificity. Luna products from NEB® are optimized for qPCR or RT-qPCR, and are available for either intercalating dye or probe-based detection methods. All Luna products provide robust performance on diverse sample sources and target types.

Each Hot Start *Taq*-based Luna qPCR master mix has been formulated with a unique passive reference dye that is compatible across a wide variety of instrument platforms, including those that require a ROX reference signal. This means that no additional components are required to ensure machine compatibility. The mixes also contain dUTP, enabling carryover prevention when reactions are treated with NEB's Antarctic Thermolabile UDG (NEB #M0372).

A blue visible dye assists in tracking the reagents when pipetting into clear, multi-welled PCR plates. These features, combined with rapid, sensitive and precise real-time qPCR performance, make Luna the universal choice for all your qPCR experiments.

Find the right Luna product for your application

		2 Select your detection method	
		Dye-based	Probe-based
1 Select your target	Genomic DNA or cDNA	Luna Universal qPCR Master Mix (NEB #M3003)	Luna Universal Probe qPCR Master Mix (NEB #M3004)
	RNA	Luna Universal One-Step RT-qPCR Kit (NEB #E3005)	Luna Universal Probe One-Step RT-qPCR Kit (NEB #E3006)

**NOW AVAILABLE
AT MEDSTORE**

Make a simpler choice

- One product per application simplifies selection
- Convenient master mix formats and user-friendly protocols simplify reaction setup
- Non-interfering, visible tracking dye helps to eliminate pipetting errors

Experience best-in-class performance

- All Luna products have undergone rigorous testing to optimize specificity, sensitivity, accuracy and reproducibility
- Products perform consistently across a wide variety of sample sources
- A comprehensive evaluation of commercially-available qPCR and RT-qPCR reagents demonstrates superior performance of Luna products

Optimize your RT-qPCR

- Novel, thermostable reverse transcriptase (RT) improves performance
- WarmStart RT paired with Hot Start *Taq* increases reaction specificity and robustness

Ordering Information

PRODUCT	NEB #	MEDSTORE PRICE
Luna Universal qPCR Master Mix	M3003S - 200 rxns	\$132.61
	M3003L - 500 rxns	\$298.37
Luna Universal Probe qPCR Master Mix	M3004S - 200 rxns	\$124.54
	M3004L - 500 rxns	\$279.55
Luna Universal One-Step RT-qPCR Kit	E3005S - 200 rxns	\$293.89
	E3005L - 500 rxns	\$661.25
	E3006S - 200 rxns	\$264.32
Luna Universal Probe One-Step RT-qPCR Kit	E3006L - 500 rxns	\$595.84

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drive DISCOVERY
stay GENUINE

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