

SAVE UP TO
50% OFF

Expires June 30th, 2024

LIGHTING THE WAY™

NOW AVAILABLE
AT MEDSTORE

Luna® Universal qPCR Master Mix



One product per application
simplifies selection

Convenient 2x **master mix formats** and
user-friendly protocols simplify reaction setup

Unique **passive reference dye** that
is compatible across a variety of
instrument platforms

Mixes contain dUTP to enable **carryover
prevention** when reactions are treated
with NEB's Antarctic Thermolabile UDG

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



To Request a Sample Visit:
www.neb.ca/special-offers

Luna® Universal qPCR Master Mix:

M3003S	2x 1 ml	\$188	\$129
M3003L	5x 1 ml	\$425	\$249
M3003X	10x 1 ml	\$742	\$399
M3003E	1x 25 ml bottle	\$1,630	\$799

51% OFF

Luna® Universal Probe qPCR Master Mix:

M3004S	2x 1 ml	\$176	\$129
M3004L	5x 1 ml	\$392	\$249
M3004X	10x 1 ml	\$679	\$399
M3004E	1x 25 ml bottle	\$1,493	\$799

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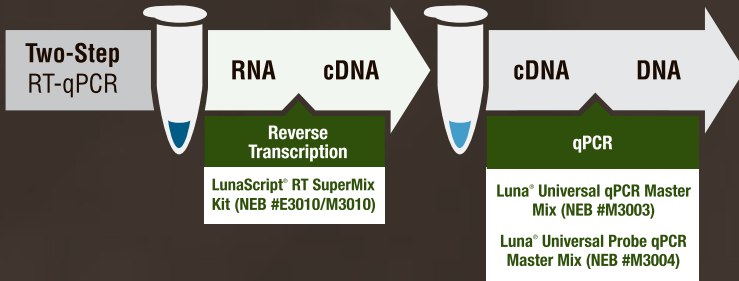
LunaScript RT SuperMix Kit

20% OFF

LunaScript® RT SuperMix Kit

E3010S (25 rxn)	\$232	\$185.60
E3010L (100 rxn)	\$711	\$568.80

Illuminate your Two-step RT-qPCR



Expires June 30th, 2024

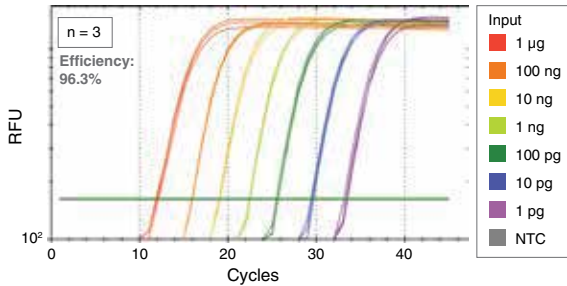
LunaScript® RT SuperMix

(Supermix only version; this product does not include a No-RT control mix or nuclease-free water.)

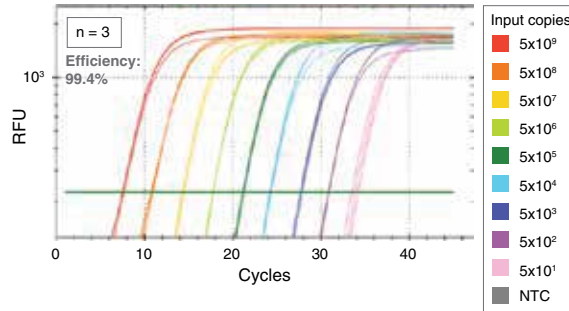
M3010L (100 rxn)	\$609	\$487.20
M3010X (500 rxn)	\$2,438	\$1,950.40
M3010E (2,500 rxn)	\$10,562	\$8,449.60

The LunaScript RT SuperMix Kit offers exceptional sensitivity, linearity, and reproducibility in two-step RT-qPCR workflows

β-actin, human total RNA

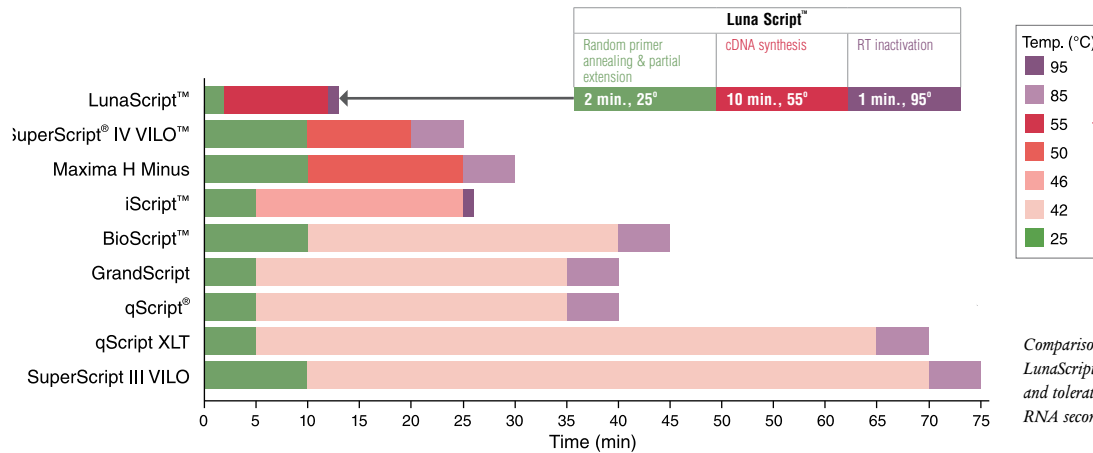


ERCC00130, ERCC Spike-In Mix 1 RNA



RNA was converted to cDNA using the 1X LunaScript RT SuperMix in 20 μl reactions using standard reaction conditions (25°C/2 min, 55°C/10 min, 95°C/1 min). cDNA was then quantitated by qPCR using the Luna Universal qPCR Master Mix (NEB #M3003) and 1 μl of cDNA product as template, with triplicate reactions at each input concentration. A. A serial dilution of Jurkat total RNA (1 μg – 1 pg) was converted to cDNA and then quantitated by qPCR using a β-actin target. B. ERCC (External RNA Controls Consortium) mix1 RNA containing 5x10⁹ to 50 copies of ERCC00130 (~10 ng – 10 fg) was converted to cDNA and then quantitated by qPCR.

At just 13 minutes, the LunaScript RT SuperMix Kit offers the shortest available first-strand cDNA synthesis protocol



Thermal Stable RT!!

Comparison of recommended protocols for cDNA synthesis. The LunaScript RT SuperMix Kit requires the shortest reaction time and tolerates elevated temperatures, reducing complications from RNA secondary structure.

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