

**SAVE UP TO 50% OFF**

Expires June 30<sup>th</sup>, 2024

LIGHTING THE WAY™

# 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](http://www.neb.ca/special-offers)

### Luna® Universal qPCR Master Mix:

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

**51% OFF**

### Luna® Universal Probe qPCR Master Mix:

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

Order today! Visit: [www.neb.ca/luna-and-lunascript-24](http://www.neb.ca/luna-and-lunascript-24)



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50 YEARS

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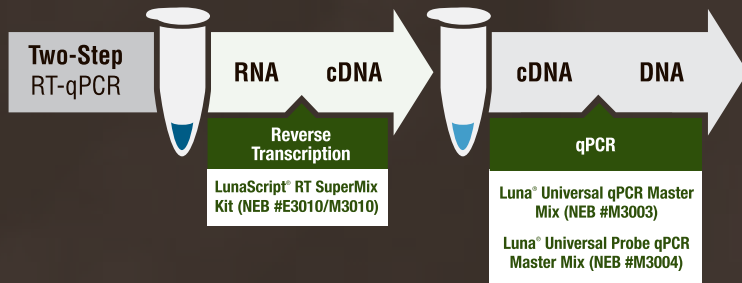
# LunaScript RT SuperMix Kit

**20% OFF**

## LunaScript® RT SuperMix Kit

E3010S (25 rxn)	<del>\$232</del>	<b>\$185.60</b>
E3010L (100 rxn)	<del>\$711</del>	<b>\$568.80</b>

## Illuminate your Two-step RT-qPCR



Expires June 30<sup>th</sup>, 2024

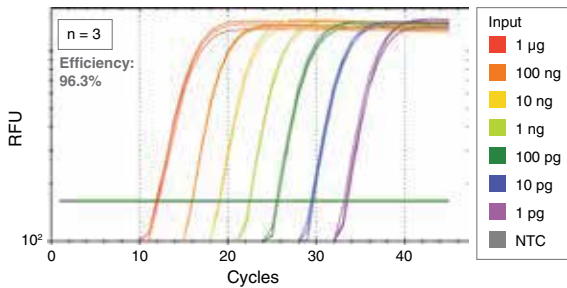
## LunaScript® RT SuperMix

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

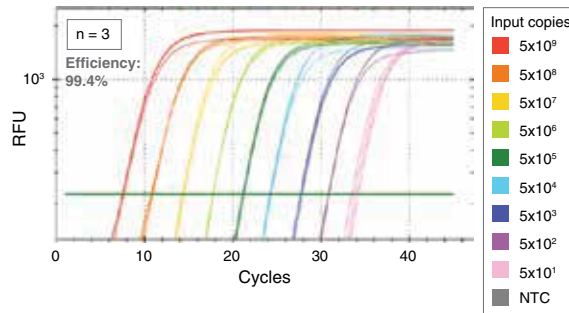
M3010L (100 rxn)	<del>\$609</del>	<b>\$487.20</b>
M3010X (500 rxn)	<del>\$2,438</del>	<b>\$1,950.40</b>
M3010E (2,500 rxn)	<del>\$10,562</del>	<b>\$8,449.60</b>

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

β-actin, human total RNA

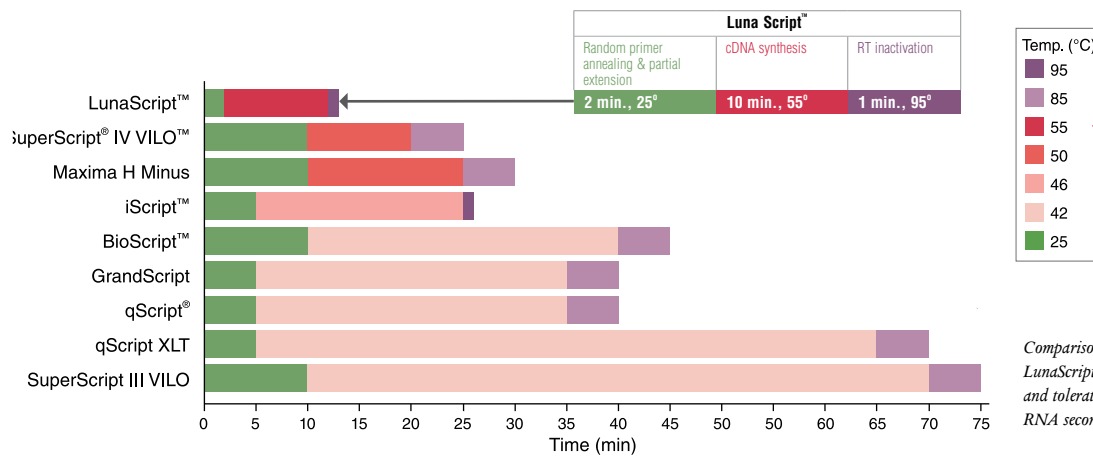


ERCC00130, ERCC Spike-In Mix 1 RNA



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 5x10<sup>9</sup> 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



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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