

"Did you get the message?"

In recent years, the discovery of new classes and modifications of RNA has ushered in a renaissance of RNA-focused research. Did you know that NEB offers a broad portfolio of reagents for the purification, quantitation, detection, synthesis and manipulation of RNA? Experience improved performance and increased yields, enabled by our expertise in enzymology.

Monarch® Total RNA Miniprep Kit

Rapidly purify up to 100 µg of high quality total RNA from multiple sample types

Luna® One-Step RT-qPCR kits

Improve RT-qPCR performance with Luna WarmStart® Reverse Transcriptase

NEBNext® Ultra™ II RNA Library Prep kits

Generate high quality RNA-seq libraries, even with limited amounts of RNA

HiScribe® In vitro transcription kits

Synthesize high yields of high quality RNA

Murine RNase inhibitor

Specifically inhibits RNases A, B and C

ProtoScript II® Reverse Transcriptase

Higher cDNA yield, superior performance for longer templates & increases thermostability



**SPECIAL
PRICES ON
SELECT
RNA REAGENTS**

Ask your local distributor for details

Get special prices on your RNA related workflows

Let NEB help streamline your RNA-related workflows

New product for RNA purification:

Monarch[®] Total RNA Miniprep Kit

The **Monarch Total RNA Miniprep Kit** is a comprehensive solution for the extraction and purification of total RNA from a wide variety of biological samples, including cultured cells, blood, and tissues.

- Purify RNA of all sizes, including miRNA & small RNAs >20 nucleotides
- Efficiently remove DNA using the provided DNase I and gDNA removal columns
- Process blood and tissue with the included Proteinase K and stabilization reagent
- Protocols also available for RNA fractionation and cleanup
- Save money with this all-in-one kit



Monarch-purified RNA is high-quality and compatible with a wide variety of downstream applications



[Learn More](#)



[Request a Sample](#)



[View Monarch Protocol Video](#)

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REAGENTS

Take our

R N A Q U I Z

Test your knowledge today for a chance to win a limited edition NEB water bottle*



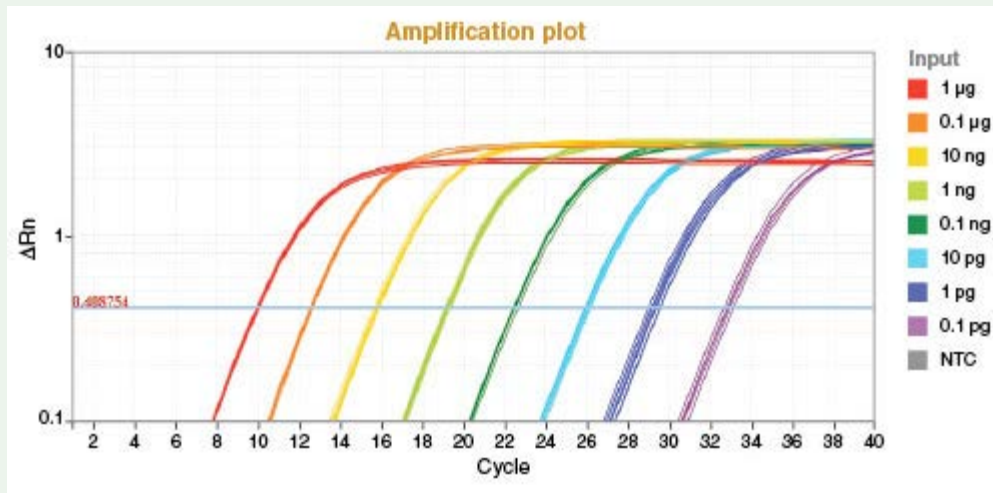
Featured product for RNA QUANTITATION:

Luna[®] Universal One-Step RT-qPCR Kit

The **Luna RT-qPCR kits** contain a novel, *in silico*-designed reverse transcriptase (RT) engineered for improved performance. Both the Luna WarmStart Reverse Transcriptase and Hot Start *Taq* DNA Polymerase, are included in these kits, and utilize a temperature-sensitive, reversible aptamer, which inhibits activity below 45°C. This enables room temperature reaction setup and prevents undesired non-specific activity. Furthermore, Luna WarmStart RT has increased thermostability, improving performance at higher reaction temperatures.



Luna WarmStart Reverse Transcriptase exhibits exceptional sensitivity, reproducibility and RT-qPCR performance



RT-qPCR targeting human GAPDH was performed using the Luna Universal One-Step RT-qPCR Kit, featuring Luna WarmStart Reverse Transcriptase, over an 8-log range of input template concentrations (0.1 pg – 1 μ g Jurkat total RNA) with 8 replicates at each concentration. NTC = Non-Template Control.



[Learn More](#)



[Request a Sample](#)



[View Optimization Tips for RT-qPCR](#)

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**SPECIAL
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Find tips for avoiding RNase **CONTAMINATION** in our latest video



Featured product for RNA sequencing:

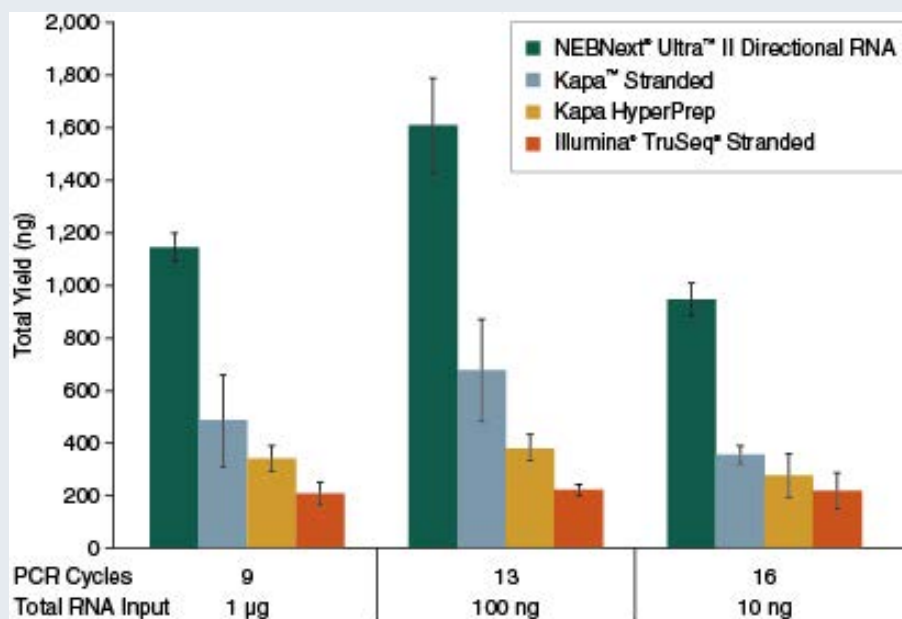
NEBNext® Ultra™ II for RNA

ADVANTAGES

- Get more of what you need, with the highest library yields
- Generate high-quality libraries even with limited amounts of RNA:
 - 5 ng – 1 µg Total RNA (rRNA depletion workflow)
 - 10 ng – 1 µg Total RNA (poly(A) mRNA workflow)
- Increase the complexity and transcript coverage of your libraries
- Maximize flexibility by ordering reagents for your specific workflow needs, including directional and non-directional kits, rRNA depletion and poly(A) mRNA isolation reagents, and adaptors and primers (12- and 96-dual index) sold separately
- Rely on robust performance, even with low quality RNA, including FFPE



NEBNext Ultra II Directional RNA produces the highest yields, from a range of input amounts



[View More Data](#)

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SPECIAL
PRICES ON
SELECT RNA
REAGENTS



Featured products for RNA synthesis: Generate microgram quantities of RNA with HiScribe™

NEB offers a selection of HiScribe RNA synthesis kits for the generation of high yields of high quality RNA that can be used in a variety of applications. Use the [selection chart](#) to find the right HiScribe kit for you.

[View Selection Chart](#)

be | *drive* | *stay*
INSPIRED | DISCOVERY | GENUINE



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SUPPORT

 FEEDBACK

 LITERATURE
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BIOLINE *scientific*

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