

JUNK or GOLD?

Unlock the Myths of Non-Coding RNAs

In the recent years, the discovery of non-coding RNA (ncRNA) regulatory activities has unleashed alluring opportunities of finding new disease regulators, biomarkers and therapeutic targets. Did you know that Arraystar offers dedicated solutions for ncRNAs, including lncRNAs, circular RNAs, tRNAs, tRFs and more?

LncRNA Microarrays

2019 New Releases: Human V5.0, Mouse V4.0, Rat V3.0

Circular RNA Microarrays

The only practical choice to profile circular RNAs accurately

Epitranscriptomic Microarrays

Quantify the percentage of modifications for mRNAs, lncRNAs and circRNAs

nrStar™ ncRNA PCR Arrays

For lncRNAs, microRNAs, tRNAs, tRFs, and snoRNAs

We Help You

from Sample
to Data,
featuring annotations and
analyses specialized for
ncRNA biology.



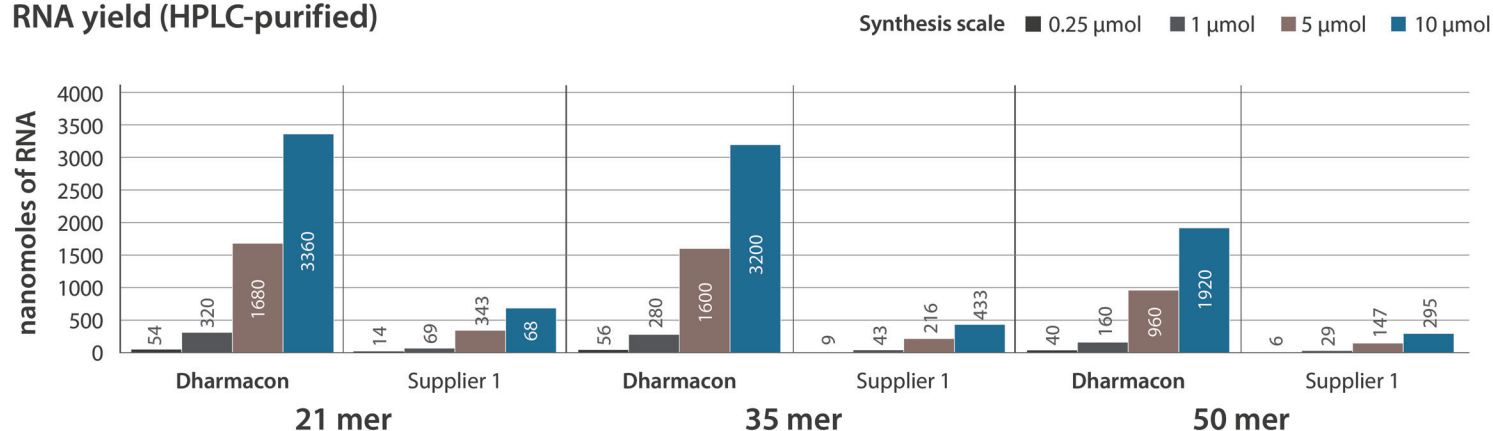
Start Your Non-coding RNA Adventure Now!
www.arraystar.com

Meet your custom RNA requirements with our nearly limitless synthetic options.

If your NMR, crystallography, or RNA binding study requires a non-standard chemical modification or a commercially unavailable modified nucleobase, we can help. For more than 20 years our chemists have utilized Dharmacon™ proprietary 2' ACE chemistry to synthesize RNA with superior yield and quality giving you the flexibility you need.

Better RNA yields give you more for your money.

RNA yield (HPLC-purified)



The yield for RNA oligos of three different lengths was compared for all available synthesis scales between Dharmacon and a competitor.

Zymo Environ™ COVID-19 Wastewater Testing Service

Community-Wide Variant Tracking with a Single Sample



Affordable, Community-Wide COVID-19 Variant Surveillance

Detect and track concerning mutations associated with strains such as those found in Brazil, the UK, and South Africa



Track and monitor COVID-19 outbreaks in your community at scale, without the costs and resources needed for individual testing.



Forecast COVID-19 testing and vaccine distribution resources based on trends.



Viral surveillance in wastewater also accounts for asymptomatic cases, many of which would not typically receive a rRT-PCR test.



Viral RNA in wastewater can be found up to 10 days before symptomatic cases appear, giving you a head-start on controlling outbreaks.

Learn More and Get Custom Testing Solutions at

www.zymoresearch.com/pages/zymo-environ-covid-19-wastewater-testing-service



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or 215-440-9300.

ABOUT THE AACR

The mission of the AACR is to prevent and cure all cancers through research, education, communication, collaboration, funding for cancer research, and science policy and advocacy. AACR's programs and services foster the exchange of knowledge and new ideas among scientists dedicated to cancer research, provide training opportunities for the next generation of cancer researchers, and increase public understanding of cancer.

With over 48,000 members in 127 countries and territories around the world, we firmly believe each member plays an integral role in achieving that mission.

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You heard the message.

We've told you before that NEB® offers a broad portfolio of reagents for purification, quantitation, detection, synthesis and manipulation of RNA. But did you know that these products are available from bench-scale to commercial-scale to enable both academic and industrial needs? Further, we provide these products at quality levels that support vaccine and diagnostic manufacturing. Experience improved performance and increased yields, enabled by our expertise in enzymology.



RNA purification: Extract up to 100 µg of high quality, total RNA from a variety of sample types with the Monarch® Total RNA Miniprep Kit. Monarch RNA Cleanup Kits

can quickly and easily clean up and concentrate RNA in just minutes, with no carryover contamination.



RNA detection: Optimize your RT-qPCR across a variety of sample types with Luna®. High-concentration mixes and kits optimized for multiplexing enable sensitive detection

of SARS-CoV-2. Simple, one-step solutions for LAMP and RT-LAMP are also available.



RNA-seq: NEBNext® kits are available for RNA library preparation, rRNA depletion and poly(A) mRNA isolation. Save time with streamlined workflows, reduced

hands-on time and automation compatibility.



RNA synthesis: Synthesize high-quality RNA with reagents designed to simplify your workflow, including HiScribe™ IVT kits and capping reagents. GMP-grade*

reagents are available for mRNA synthesis of therapeutics and vaccines.

Find more details on products available, request samples, and access helpful RNA-related resources at www.neb.com/RNA2021.

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drive DISCOVERY
stay GENUINE



GETTING TO THE CLINIC IS HARD ENOUGH

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