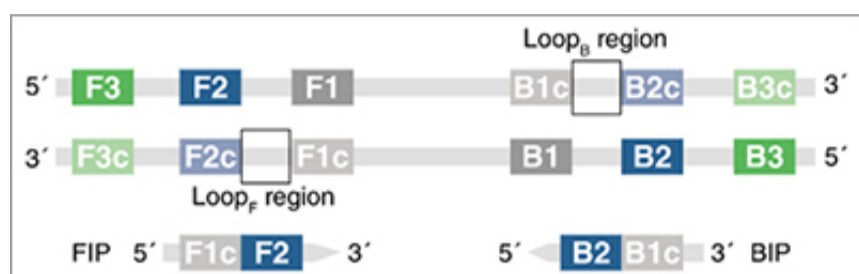


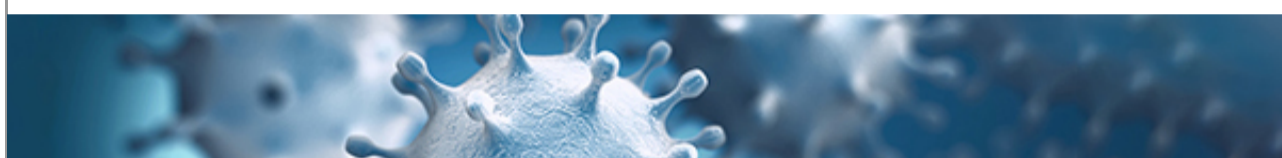
Featured online tool:

NEB® LAMP Primer Design Tool

Loop-mediated isothermal amplification (LAMP) utilizes a strand-displacing DNA polymerase and specialized primers for rapid amplification of target DNA at a constant temperature. In addition to [new products](#), including ones applicable for COVID-19 research, we are expanding our support for this versatile technique with the release of the [NEB LAMP Primer Design Tool](#). With a simple user interface, this tool can be used for the design of core and loop primers for your LAMP reactions. Simply enter or upload a target sequence, modify preferences as needed, and the tool generates downloadable primer sets.



[Explore the Tool](#)



Supporting COVID-19 Research

A growing number of methods are being developed and shared by the scientific community around the world for use in COVID-19-related work. [View a selection of preprints and protocols that utilize NEB products](#). These include methods for sequencing of SARS-CoV-2 and metatranscriptome analysis of COVID-19 samples, with applications in areas including epidemiology, metagenomic analysis and diagnostics.

Products to support RNA extraction:

Monarch® Total RNA Miniprep Kit

Extract high quality RNA from a wide variety of sample types with this comprehensive and versatile kit. Extracted total RNA, including viral RNA, is highly-pure, free from genomic DNA, and ready for use in sensitive downstream applications that are important in the fight against the SARS-CoV-2 virus.

Highlights:

- Compatible sample types include cells, blood, [saliva](#), [swabs \(buccal & nasopharyngeal\)](#), tissue, bacteria, yeast and plants
- Extraction from saliva is fast and is [automatable](#) on the QIAcube® and the KingFisher™ Flex
- RNA is ready for use in downstream applications like RT-qPCR, RT-LAMP, and RNA-seq
- Kit components are [available separately](#) for added convenience



[Learn More](#)

[Please contact your local distributor to request a Free Sample](#)

Monarch RNA Cleanup Kits

RNA extraction is now also achievable with NEB's [Monarch RNA Cleanup Kits](#), providing an alternative RNA extraction solution for extracting RNA from some sample types.

- Successfully used for viral RNA extraction from [saliva](#) and [swabs](#), when used in conjunction with [Monarch DNA/RNA Protection Reagent](#)
- Extraction is complete in under 10 minutes
- Enables sensitive downstream detection using RT-qPCR, RT-LAMP and other methods
- RNA extraction from saliva is [automatable](#) on the QIAcube and KingFisher Flex platforms using Monarch buffers

[Please contact your local distributor to request a Free Trial](#)

[Supporting COVID-19 Research](#)

Heading back to the lab?

Check out our tips and tools to help you

REBOOT
YOUR BENCH

