

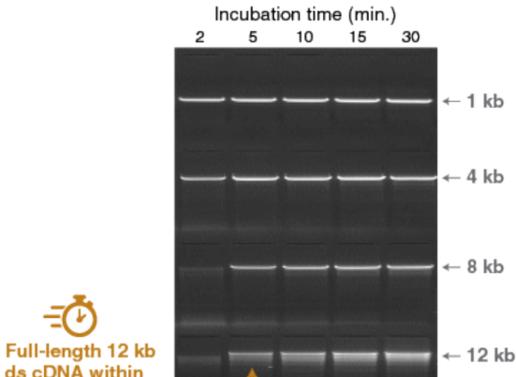


New product: Induro™ Reverse Transcriptase

Rapidly generate high yields of long cDNA with our unique group II intron-encoded reverse transcriptase!

- Strong inhibitor tolerance enables robust cDNA synthesis performance
- Support direct RNA sequencing and long read cDNA sequencing workflows
- Generate cDNA at higher temperatures, which is ideal for challenging sample types
- Experience comparable fidelity to retroviral RTs

Induro Reverse Transcriptase exhibits high processivity, permitting rapid cDNA synthesis



Induro Reverse Transcriptase can synthesize a full-length 12 kb cDNA product within 5 min. at 55°C. *In vitro* transcribed poly(A) RNA templates (1 kb, 4 kb, 8 kb or 12 kb) were used to investigate full-length cDNA synthesis. After first-strand cDNA synthesis, RNA was hydrolyzed immediately by NaOH. Subsequently, an aliquot of the cDNA products was used to make full-length ds cDNA in the presence of a 5' specific primer. Equal volume of ds cDNA was analyzed on an agarose gel.

[Learn More and View Technical Data](#)

[View Our Webinar On-Demand](#)

Sample Preparation for **OEM** Nucleic Acid Purification Modification Protein Expression
Next-Gen-Seq Glycobiology **RNA qPCR & PCR** Synthetic Biology
DNA GMP-grade Cloning & Assembly Genomics Cellular Analysis RNA Synthesis
 Competent Cells CRISPR/Cas Amplification Gene Expression Customized Solutions

Featured product: New Enzyme for Innovation: Msz Exonuclease I

This DNA-specific exonuclease can be used for the removal of linear single-stranded DNA oligos in thermophilic workflow applications between 45-60°C.



[View Product Details](#)

[Learn More About Enzymes for Innovation](#)

Which molecular cloning technique is best for you?

Learn more about the pros and cons of each of these solutions:



Traditional Cloning
(Restriction Enzyme Cloning)



NEBuilder® HiFi DNA Assembly



Golden Gate Assembly



Are you interested in using LAMP for rapid DNA or RNA detection at a single temperature but still have questions? In this blog post, we answer some of the most frequently asked questions and share a wealth of technical resources.

Find out more in our latest blog post:

Getting started with loop-mediated isothermal amplification (LAMP)

[Read Now](#)



0:00

You can also **listen** to the FAQs & answers, including which projects benefit from LAMP, using our new audio option!



PCR-FREE Minimize amplification bias in your NGS library prep

Don't be biased! The NEBNext Ultra II FS DNA PCR-free Library Prep Kit for Illumina offers an amplification-free workflow for DNA-seq based on the streamlined and reliable Ultra II FS workflow. Starting with as little as 50 ng of DNA, get the high-quality, high-yield libraries that you need without PCR bias.



- Includes NEBNext FS (Fragmentation System) enzymatic fragmentation reagents
- Perform fragmentation, end repair and dA-tailing with a single enzyme mix
- Save time with an optimized PCR-free workflow, reduced hands-on time and automation compatibility
- Generate high quality libraries without an amplification step using inputs from 50 ng to 500 ng intact DNA
- Benefit from improved library uniformity
- Use with the [NEBNext Multiplex Oligos for Illumina \(Unique Dual Index UMI Adaptors DNA Set 1\)](#) or other Illumina-compatible index adaptors with 3' single T overhang

For your convenience, a version of this kit is available [with SPRIselect beads](#).

Note: For sheared DNA, we recommend the [NEBNext Ultra II DNA PCR-free Library Prep Kit for Illumina](#).

[Learn More](#)

New England Biolabs is a **Certified B Corporation™**.

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



NEW PRODUCTS

TECHNICAL SUPPORT

LITERATURE REQUEST