

NEW ENGLAND BIOLABS

YOUR PARTNER FOR END-TO-END SOLUTIONS



DELIVERING THE GLOBAL EXPERTISE OF
NEW ENGLAND BIOLABS, TAILORED TO
YOUR NEEDS.



be INSPIRED
drive DISCOVERY
stay GENUINE



ALL YOU NEED FROM CONCEPT TO COMMERCIALISATION

New England Biolabs (NEB), a trusted partner to life science researchers worldwide for over 40 years, can provide you with our full range of products in custom formulations, aliquots and formats, with full support from our specialised teams and one personal manager for your project based in the UK. This means that you can develop products and services for eventual commercialisation from standard NEB catalogue range products and we will fully support you through development, proof of concept, regulatory process, scale up and launch with tailored capabilities at each stage. NEB is vastly experienced offering our products on an OEM basis.

At NEB we have the flexibility to provide an end-to-end tailored solution for you.

PRODUCT RANGE

NEB works with the largest diagnostics, pharmaceutical, service provider and biotechnology companies in the world, either supporting with complete workflows or individual reagents, all manufactured in facilities accredited ISO9001, ISO14001 and ISO13485. NEB's range is comprehensive:

- Full Next Generation Sequencing library preparation workflow and supporting enzymes
- Complete range of enzymes for amplification and modification of DNA, including reagents for LAMP and RT-qPCR
- DNA assembly technologies and genome editing tools
- *In vitro* transcription workflow enzymes and products for RNA manipulation, including GMP-grade reagents
- Enzymes for Innovation – NEB has a range of DNA/RNA modification enzymes with niche properties, that are not commercialised; please enquire to find out if we have an enzyme that fits your novel application: enzymesforinnovation@neb.com

AN END-TO-END SOLUTION

DELIVERING THE GLOBAL EXPERTISE OF NEW ENGLAND BIOLABS,
TAILORED TO YOUR NEEDS.

ENZYMOLOGY EXPERTISE:

New England Biolabs is world-renowned for its expertise in enzymology. Harness the unequalled knowledge of our 120 world-class experts to make the right choices for your enzymology and reagent solutions.

REAGENT DEVELOPMENT:

NEB supports the optimisation of the enzymology in your system as you develop your novel applications and reagent utilities.

PRODUCT CONSISTENCY:

Rigorous manufacturing procedures ensure product consistency for your scale-up.

QUALITY MANAGEMENT:

Access to NEB's Quality Management System, including audit of NEB facilities, fulfils all your requirements for Regulatory Compliance.

FLEXIBILITY IN PRODUCT DELIVERY:

Flexible, bespoke vialing, labeling, kitting and shipping ensure convenient, global supply of your critical raw materials.

R & D

PROOF OF
CONCEPT

SCALE-UP

MANUFACTURE
&
REGULATORY

COMMERCIAL
LAUNCH
&
LOGISTICS



SUPPORTING YOU

Typically our customers approach NEB with a custom product requirement and we deliver through a series of defined steps:

- **Consultation** – Through two-way consultation with our European Customised Solutions Team based in the UK, we work with you to understand your product requirements. You will have one point of contact.
- **Evaluation** – Once defined, NEB can arrange to send evaluation material of the custom product you require. Multiple lots can be arranged for customers working in regulated markets. Our scientists are available to support you at this stage, bringing a vast experience resource.
- **Quality** – After successful evaluation, quality standards can be discussed with the opportunity to define your requirements. We are familiar with the regulatory requirements you may have.
- **Flexibility** – NEB understands that when launching a product or service, you require flexibility in a supplier to support initial volumes prior to launch through to potential scale-up. NEB supports customers through this process to provide a seamless service throughout your product life-cycle.

MARKETS

NEB supports diverse customer markets including therapeutics, molecular diagnostics, companion diagnostics, veterinary diagnostics, forensics, agribiotechnology and life science reagent and platform providers.



NEB scientists can work with you to develop product specifications ideal for your application.



YOUR PROFESSIONAL SUPPLY PARTNER

NEB is a stable, privately-held company with year-on-year organic growth and a dependable, consistent supplier with global reach. We typically reinvest 20% of revenue in research, leading to constant product innovation. We have decades of experience providing customised solutions to industries worldwide with market-leading quality enzymes and reagents for your development through to manufacture.

We can deliver:

- Fast turnaround on special formulations (e.g. glycerol free, high concentration), bespoke labeling and flexible packaging formats
- Custom vialing or a finished kit
- Custom product delivered in as little as two weeks
- Reserved stocks of your validated lot numbers
- Rapid and flexible in-house scale-up capabilities
- Regular audits of manufacturing facilities
- Highly developed risk mitigation procedures
- Support for your regulatory compliance needs



QUALITY: SETTING THE STANDARD

New England Biolabs' products are designed and manufactured in our ISO 13485:2003-, ISO 14001:2004- and ISO 9001:2008-certified facility in Ipswich, MA., USA. Our Quality Control Division is constantly improving the stringency and range of quality controls, ensuring that our product quality is “best-in-class.” As our partner, you can rely on our unsurpassed product purity and lot-to-lot consistency to ensure that your product will perform to expectation, every time.



GMP-GRADE* REAGENTS

NEB's expertise in enzyme manufacturing positions us to best anticipate your needs and minimize the risk of transferring manufacture of your development materials to our GMP-grade production facility. The product attributes that differentiate NEB's GMP-grade reagents include:

- Bioburden and/or endotoxin specifications on reagents
- Certified animal-free origin and manufacturing process
- Qualified equipment, utilities, QC test methods and manufacturing processes to deliver the highest levels of lot-to-lot consistency

NEB's GMP-grade reagents are produced in compliance with the ISO 13485:2016 Quality Management Standard, and are also in line with many of the principles defined in U.S. 21 CFR 820 “Quality System Regulation” – Medical Devices.

* “GMP-grade” is a branding term NEB uses to describe reagents manufactured at NEB's Rowley facility. The Rowley facility was designed to manufacture reagents under more rigorous infrastructure and process controls to achieve more stringent product specifications and customer requirements. Reagents manufactured at NEB's Rowley facility are manufactured in compliance with ISO 9001 and ISO 13485 quality management system standards. However, at this time, NEB does not manufacture or sell products known as Active Pharmaceutical Ingredients (APIs), nor does NEB manufacture its products in compliance with all of the Current Good Manufacturing Practice regulations.

SUPPORTING YOU THROUGH EVERY STAGE OF YOUR PIPELINE: WHAT OUR CUSTOMER SERVICE MEANS FOR YOU

Service excellence and customer satisfaction are of vital importance to NEB. We ensure the resources necessary to meet your requirements including dedicated account management and professional supply partnering management provided by Ph.D.-qualified scientists based at NEB.

Your dedicated contacts will facilitate the fulfillment of your requirements: you gain access to NEB's array of resources, including the scientific know-how to optimise your products. By tapping into our knowledge base, we can help you realise the true and unique potential of your products.

TECHNICAL SUPPORT

Technical enquiries are answered by Ph.D.-qualified molecular biologists, with research and publications track records. The NEB UK Technical Enquiries Team is supported by the Product Development Specialists and Product Managers at NEB Inc. in the USA.



TESTIMONIALS

“NEB’s [flexibility to provide customized products] was excellent. When we had issues with an alternative supplier’s offerings, NEB met our needs in terms of custom vialing, custom labeling and custom volumes.”

R&D LEADER, UK SEQUENCING FACILITY

“I’ve been involved with developing commercial molecular biology assays for years. When it comes time to choose a source of enzymes, my first choice is NEB. In addition to having a wide selection of enzymes, I’ve been impressed with their rigorous test procedures and overall quality of their products. The staff is responsive, knowledgeable, customer-focused and a pleasure to work with.”

SR. FELLOW, ANALYTICS & KNOWLEDGE TRANSFER,
MOLECULAR BIOLOGY REAGENTS PROVIDER

“Our company has had many requests as we better establish our specifications and complete qualification of a wide variety of enzymes and buffers. In every case, NEB has responded quickly, consistently, and with high quality deliverables that enable our company to meet its aggressive goals. Service, in general, is clearly a major strength for NEB when compared to the service provided by its competitors. NEB provides a great deal of flexibility and a ‘can do’ attitude that we would like to see in all our suppliers.”

PURCHASING DIRECTOR, GENOMICS COMPANY



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