

Customized Products and Solutions from NEB

THE BRIDGE TO YOUR SUCCESS



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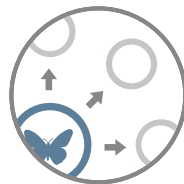
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Creating the right partnership is essential when pioneering a new life science product. Every aspect of development – technical expertise, reagent optimization, manufacturing scale, turnaround time, reagent quality, and comprehensive logistical support – is vital for achieving your objectives. And in the regulated markets landscape, these challenges magnify, demanding an even more specialized approach.

NEB's Customized Solutions Team is here to help, and serves as a bridge to the support and resources you need to navigate these complexities and ensure your success.

- **Decades of expertise:** Leverage 50 years of experience in enzymology and reagent manufacturing
- **Personalized collaboration:** As an extension of your team, we prioritize a deep understanding of your objectives, work with you on an optimal solution, and help to anticipate your future needs
- **Certified facilities and advanced manufacturing capabilities:** Benefit from our ISO 9001- and 13485-certified processes and commitment to quality, as well as our GMP-grade* production facility, and specialized lyophilization facility for the highest quality production standards
- **Comprehensive support:** Access unparalleled support from our dedicated account managers, program managers, technical scientists, production and quality teams, through your single point of contact in our OEM Business Development Team
- **Logistics and distribution:** We will work closely with you on inventory management and global distribution through our network of NEB-owned subsidiaries, to ensure successful commercialization

The bridge to your success.

* "GMP-grade" is a branding term NEB uses to describe products manufactured or finished at NEB's Rowley facility. The Rowley facility was designed to manufacture products under more rigorous infrastructure and process controls to achieve more stringent product specifications and customer requirements. Products 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.





Large Volume Packaging

The rise of biologics and companion diagnostics has heightened the need for advanced molecular biology tools. We support these developments by facilitating the large-scale production and packaging of essential reagents, ensuring seamless transitions to automated workflows.

What we offer:

- Custom aliquoting, dispensing and scalable packaging to meet high-demand production needs (mL to kL scale)
- Compliance with our Quality Management System and ISO Standards
- Efficient global supply chain and warehousing capabilities for timely delivery and seamless integration into workflows

Learn about our manufacturing capabilities by contacting us at www.neb.com/contactcustomizedsolutions



Custom Formulations & Concentrations

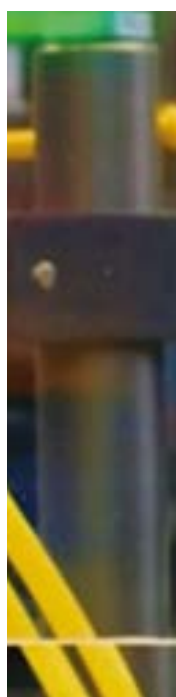
We offer personalized solutions to support every stage of development. Through close collaboration and a genuine interest in understanding your needs, we provide comprehensive support.

What we offer:

- Ability to develop custom formulations to meet your specifications and requirements
- Options for formulations without components such as BSA, detergents or glycerol
- Products that undergo extensive quality control testing before release

Learn more about our glycerol-free and lyo-compatible reagents by visiting

**[www.neb.com/
glycerol-free](http://www.neb.com/glycerol-free)**





Aliquoting, Kitting, Packaging & Private Label

By collaborating with you and understanding your needs, we provide flexibility with bespoke solutions for product design, aliquoting, kitting, packaging and label customization, ensuring products meet specific user requirements.

What we offer:

- Options for packaging formats, including 96-well plates for high-throughput automation
- A wide range of customized reagent sizes and formats to suit various applications and project scales
- Custom labeling options that allow for personalized branding and packaging to align with customer requirements



View more details on available
packaging formats visit

**[www.neb.com/
privatepackaging](http://www.neb.com/privatepackaging)**





GMP-grade^{*} Reagents

For areas that require more stringent manufacturing processes and quality controls, such as regulated markets, we offer GMP-grade manufacturing capabilities. Our state-of-the-art GMP-grade production facility ensures greater lot-to-lot consistency and products that meet rigorous manufacturing standards, which is critical for clinical, therapeutic and commercial use.

What we offer:

- Strict adherence to quality control and regulatory alignment to ensure product safety and efficacy, with comprehensive documentation and transparency for full traceability (ISO 9001- and 13485-certified processes)
- Certified animal-free processes and final formulation
- Comprehensive support for integration into customers' existing manufacturing processes
- Custom fill volumes as well as pre-aliquots for fastest delivery times

Not sure whether you need research-grade or GMP-grade products?

To determine which solution will
work best for you, use the table at

www.neb.com/gmp

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Lyophilization Capabilities

Lyophilized molecular biology reagents are meeting an increased need for field applications and are available for scientists looking to perform experiments outside of a traditional laboratory setting (i.e., point-of-test). Our integrated team of enzyme and lyophilization scientists will work with you to optimize your reagent for maximum performance.

What we offer:

- A team of experts who guide developers from enzyme selection to the creation of lyophilized products that meet exact specifications
- Cake and bead formats, which are packaged to suit your needs and ensure consistent performance and fast rehydration
- A 30,000 sq. ft. manufacturing facility with the ability to meet small- or large-scale lyophilization needs (opened in 2024)



Learn more about our lyophilization capabilities by visiting

www.neb.com/lyophilization-sciences





Areas We Serve

We provide customized solutions to meet the diverse needs of our customers across several industries, including molecular diagnostics, biotechnology, biopharmaceuticals, agricultural biology, and academic research. We turn customer ideas into product deliverables, focusing on comprehensive support across these sectors.

What we offer:

- **Molecular Diagnostics** – NEB offers a foundation for scientists developing molecular diagnostics that pairs reagents of the highest quality with deep insights on approaches that accelerate the development of robust assays to fulfill the promise of accessible and reliable testing
- **Biotech and Biopharma** – Custom reagents and scalable solutions advance therapeutic research and development. We offer GMP-grade manufacturing at specialized facilities, ensuring stringent quality standards for biopharmaceutical applications.
- **Therapeutic innovation and manufacturing** – Drawing upon our expertise in enzymology and reagent manufacturing, we can support customers from development through to commercial scale
- **Agricultural Biology** – Our portfolio of reagents and supporting protocols can meet the needs of researchers studying plant genetics, crop protection, or soil microbiology

Learn more by visiting

[www.neb.com/
CustomizedSolutions](http://www.neb.com/CustomizedSolutions)

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