



Molecular biology solutions and custom capabilities for commercial supply

Does molecular test assay development and commercialization have to be challenging and time-consuming?

Your goal is to create the best assays as quickly and cost-effectively as possible—and it doesn't have to be difficult. An excellent solution is to partner with an experienced supplier that has worked with many leading molecular

diagnostics companies and understands both raw materials and new technologies—a market leader with a dedicated diagnostic partnering business that brings value beyond products. Welcome to Thermo Fisher Scientific.

Customization

- Comprehensive development and customization capabilities
- Supply of products at any scale and in any format— from bulk formats to finished goods
- Custom formulations with in-process testing
- Custom packaging and labeling
 - Lyophilization
 - Various packaging options from single-use packages to large-volume carboys
 - Private labeling and kit production



Quality

- ISO 9001- and ISO 1348- certified facilities
- Manufacturing and filling within facilities that meet 100,000 (class D) clean-room standards
- Stringent quality standard with proven lot-to-lot consistency, using validated methods
- Import and export compliance expertise for chemicals and instruments
- Implementation of complaint management and corrective and/or preventive action
- Awarded prestigious Shingo prize that recognizes organizations that demonstrate an exceptional culture that fosters continuous improvement
- Open to site audits



Technical expertise



Manufacturing competency

- Single-use technology for manufacturing of DNA-free enzymes



Innovative formulation

- Lyo-ready enzymes



Protein design

- Directed evolution
- Rational design (site-specific mutagenesis and protein fusion technology)



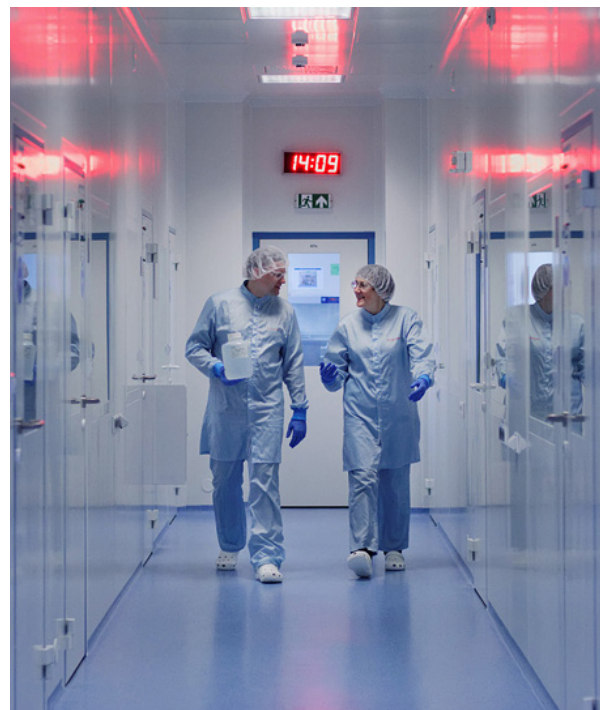
World-class manufacturing with single-use technology.



From customized buffer formulation to lyo-ready enzymes.

Security of supply

- Worldwide recognition with an exemplary reputation and financial stability
- Commercial supply and licensing agreements—securing long-term relationships
- Business continuity through contingency planning, risk management, and availability of multiple manufacturing sites
- Safe and efficient product delivery and global cold-chain supply capabilities



Dedicated technical support and service.

Product portfolio

Our complete portfolio of trusted molecular biology reagents, such as Applied Biosystems™ and Invitrogen™ PCR enzymes, can be customized to meet your individual assay performance specifications, and encompasses products for:

- Next-generation sequencing library preparation
- PCR, qPCR, RT-PCR
- Nucleic acid-modifying enzymes
- Nucleic acid sample preparation
- Protein analysis
- *In vitro* transcription



If you have alternative requirements, our highly experienced R&D team can provide technical support, design consulting, and custom development to meet your needs.

Learn more about DNA-free enzymes at thermofisher.com/dna-free

Learn more about lyo-ready enzymes at thermofisher.com/lyo-ready



Our goal is to provide our customers with unparalleled product quality, world-class manufacturing, and dependable delivery.

Get started on your project by contacting us at thermofisher.com/oemmolecular

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