

BIOMÉRIEUX

ENDONEXT™

AUTOMATED ENDOTOXIN TESTING

Efficient, Reliable,
and Compliant Testing



Your Ally in Advancing Quality

PIONEERING DIAGNOSTICS



Transforming Endotoxin Testing with Unique Benefit

In today's rapidly evolving environment of biotechnology and pharmaceutical companies, achieving efficient, reliable, and sustainable endotoxin testing is crucial to ensure product safety and compliance with stringent regulatory requirements.

You need to scale up your production capacities, and that's why we have paired our ENDONEXT™ rFC-based endotoxin testing solutions with the Tecan Fluent® automation platform. This strategic integration allows you to **automate your lab processes, reduce human error, and enhance data integrity**, making it easier to meet high throughput requirements.

By prioritizing **compliance, sustainability, and efficiency**, our automation solution helps you optimize QC processes, reduce operational costs, and ensure environmental conservation by eliminating the need for horseshoe crab blood.



Efficient and Time-Saving

- **Reduced hands-on time:** Extensive automation by over 95%, allowing your team to focus on critical tasks.
- **High throughput quality control:** Process up to 120 samples in about an hour, achieving results faster with parallel processing.
- **Increased ROI:** Flexible and open platform that can adapt to meet your laboratory's specific needs, resulting in additional assays.



Reliable & Accurate

- **Decreased retest rate:** Pre-coated plates ensure simple handling, reducing errors, retests and out-of-specification results.
- **Expertise:** With over 15 years of experience in recombinant endotoxin testing, benefit from our proven track record in accuracy and reliability.



Compliant and Sustainable

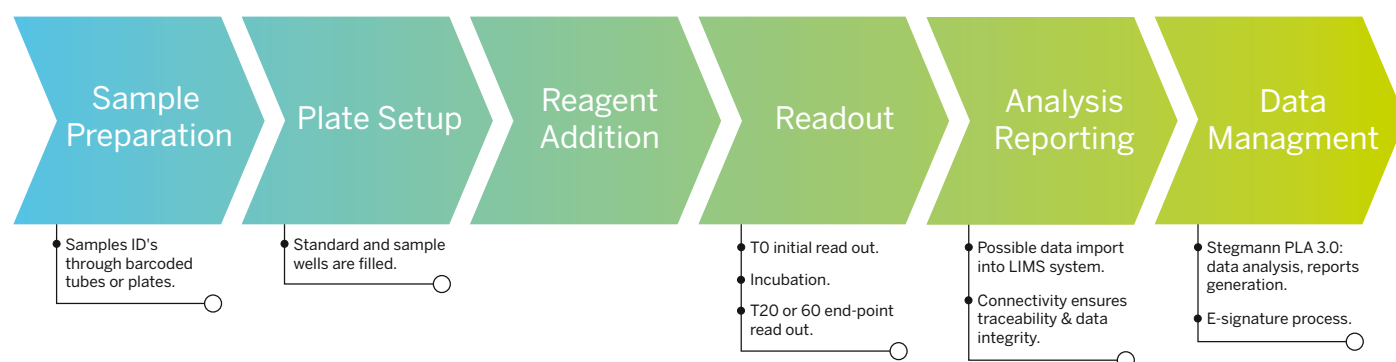
- **Regulatory compliance:** Our rFC-based methods are recognized in the European Pharmacopoeia and align with the new USP Chapter <86> draft and support 21 CFR Part 11 requirements.
- **Sustainable practices:** Align with ethical and sustainable initiatives by eliminating horseshoe crab dependency, reducing waste and plastic usage.
- **Maintain data integrity:** Ensure traceability and sustain data integrity through sample tracking, LIMS integration, and electronic signatures.

Seamless Integration and Extensive Automation For Optimal ROI

Your team's time is precious and in the endotoxin testing lab, every minute counts. With bioMérieux and Tecan, you can automate your entire endotoxin testing process, meaning that your skilled professionals can focus on more critical tasks - resulting in overall improved efficiency.

Our ENDONEXT™ endotoxin testing solution deployed on the Fluent® automation platform offers **seamless integration with your existing laboratory workflow**, ensuring smooth testing from start to finish with reduced manual steps.

From sample preparation to data analysis, this platform simplifies every step of the testing process, allowing you to focus on what matters most: **delivering accurate and reliable results**. It is an investment in your laboratory's future, achieving enhanced ROI and increasing your laboratory's capabilities with our flexible and adaptable solution.



Quality Assurance

Compliance: Instrument includes hardware, software IQOQ, and method validation for high-quality standards.

Enhanced accuracy: The platform is designed for precise sample handling and data integrity, reducing the risk of human error and retests.

Facilitated training: Comprehensive training programs to help your team efficiently operate the system and maintain high-quality results.

How to optimize your lab space while automating endotoxin testing?

Our compact design ensures a small footprint, with features like an optional HEPA hood providing a clean air environment without expanding your lab space.





Comprehensive Support for a Simple Implementation

At bioMérieux, we understand that implementing a new automated endotoxin testing solution can be complex and requires seamless coordination. That's why we offer comprehensive project management support for a seamless implementation..

From initial consultation to after-sales assistance, our team of experts ensures transparency and clear communication between all stakeholders, guiding you every step of the way.

		bioMérieux	Tecan	You
Presales	Demo, Feasibility Study, Quote	✓	✓	
Kickoff	Kickoff Meeting/ Introduction	✓	✓	✓
Qualification	IOQ + Training on Fluent®		✓	
Validation	Gain determination + Manual MV	✓		
	Automated MV	✓	✓	✓
Training	ENDONEXT™ Training	✓		✓

Ready to take control of your endotoxin testing program with greater efficiency, accuracy, and sustainability?

By choosing bioMérieux and Tecan's automated endotoxin testing solution, you're not just investing in equipment, you're investing in your lab's efficiency, accuracy and fostering opportunities for growth.