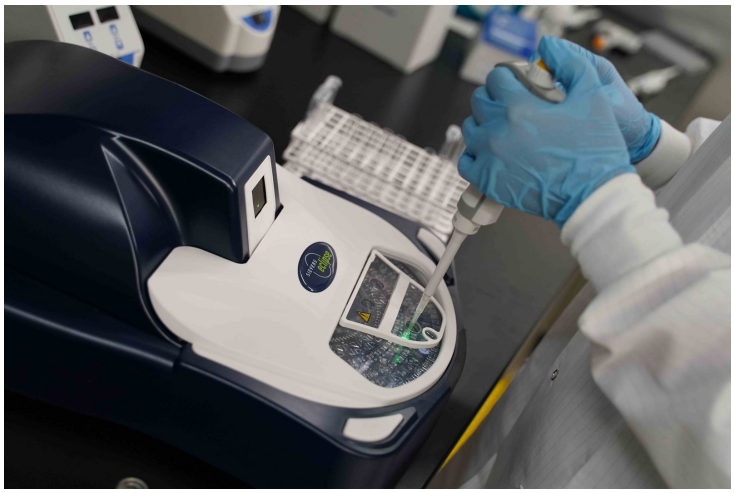
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# Easier, automated endotoxin testing with the Sievers Eclipse BET Platform

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**The bacterial endotoxins test (BET) is a critical release test that every quality control lab must perform prior to releasing product, but most methods and BET instrumentation used today are cumbersome and outdated.**



Traditional LAL test methods, which include the 96-well plate and gel clot, are labor-intensive, prone to errors, and may fall short of today's data integrity needs. Overall, these traditional methods are time consuming and leave a lot of room for improvement in terms of the analyst's hands-on time and ergonomics.

Automation of BET assays is important for labs today and into the future, however most labs desire technology that does not require complex installation and/or validation processes to ensure their instrumentation is easy to adopt. To that end, it's important to understand that automation does not just come in the form of robotics.

The Sievers Eclipse BET Platform uses microfluidic automation to truly simplify assay setup and improve efficiency. Ease of use, hands-on time, environmental contamination, compliance, and software are all addressed with this compact, benchtop instrument to simplify automation.

- Fast, easy setup with **full compliance to USP <85>, EP 2.6.14 and JP 4.01**
- Set up 21-sample assays in **as little as nine minutes**
- **PPCs** prepared for you; **standard curve and negative controls are automated**

- Use up to **90% less LAL**

    - **21 CFR Part 11 and ALCOA + compliant software** that is easy to navigate and fully customizable with permissions and assay templates

- Installation and validation takes as little as **two days**

**Want to see microfluidic automation in action?**

**Watch the demo video.**