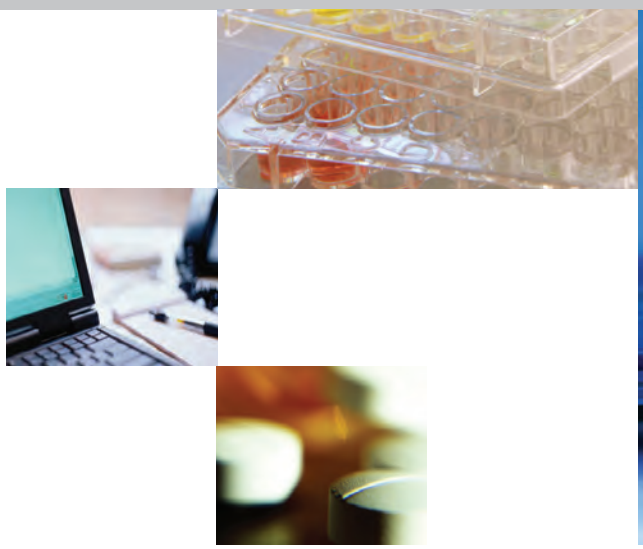
Software Solutions

Count on Thermo Scientific Nautilus LIMS to increase productivity, throughput, and accuracy by supporting complex plate tracking, information management and regulatory compliance in drug discovery and R&D laboratories. Flexible and configurable, Nautilus sets the standard for dynamic applications.

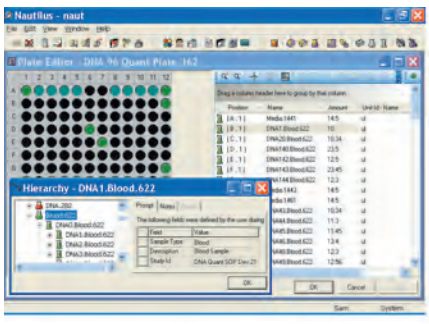
Thermo Scientific Nautilus LIMS™

Information Management for Drug Discovery and R&D Laboratories





Nautilus lets you easily visualize plates. You can check the amounts of samples and drill into a well to expose the entire hierarchy and relevant information such as where the sample originated.



Challenge

In the effort to accelerate new discoveries and bring them to market faster than ever before, Drug Discovery and R&D environments must be diverse in nature and able to change on-the-fly. Laboratories benefit from data management solutions that are unhindered and move at the pace of their research, while still maintaining the ability to integrate regulated processes that adhere to GLP and 21 CFR Part 11. These high throughput environments demand a purpose-built laboratory information management system (LIMS) that employs an intuitive toolkit so users can easily configure their system and get up to speed quickly.

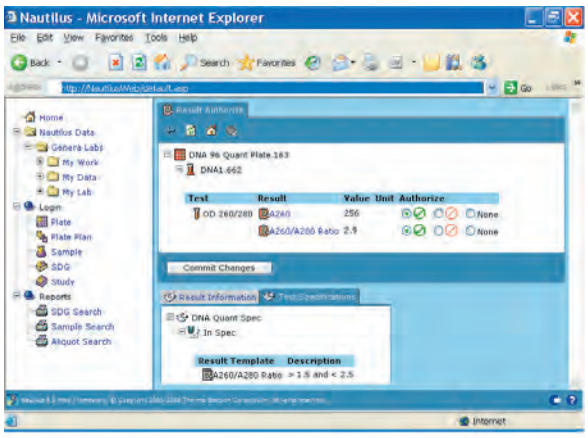
Count on Thermo Scientific

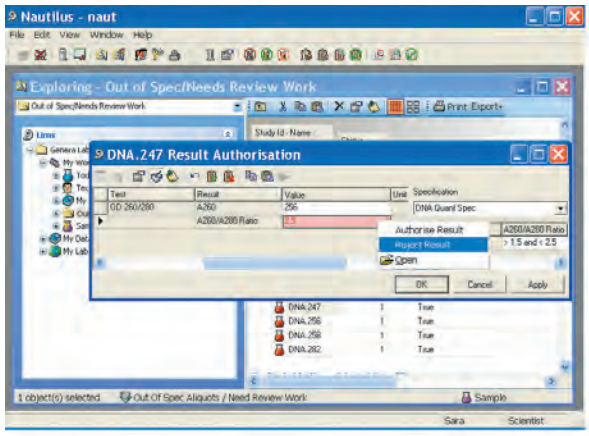
Thermo Scientific Nautilus LIMS offers unmatched flexibility and ease-of-use while increasing automation and throughput of sample analysis. By incorporating automated complex plate-handling functionality and patented graphical utilities to facilitate data tracking and management, novice users can map and track processes with ease. Clients can create workflows, map sample lifecycles and automate actions. Manual and error-prone activities are eliminated, while throughput, productivity and accuracy are enhanced.

Easy to Configure and Maintain

To emulate and model laboratory processes, Nautilus' intuitive graphical interface and patented Workflows expedite the mapping of static and dynamic processes, allowing users to organize data and do their jobs quickly and effectively without programming the LIMS. With equal ease, Nautilus delivers data capture, integration and automation capabilities out-of-the-box. This eliminates transcription errors and provides users with access to both raw and derived data. By improving efficiencies and data reliability, users can make more informed decisions even faster.

NAUTILUS LIMS





After collecting the data, results can be reviewed and authorized on the web or within the Nautilus client.

Increase Throughput with Plate Handling and Automation

Nautilus simplifies defining plate configurations and fill patterns, letting users build and format work-action and decision-tree processes against project requirements. Advanced plate handling within Nautilus includes graphical workflows, plate editors, and built-in integration functionality that enables increased throughput and automation. Users can automate data flow or manipulate it manually, using capabilities like drag-and-drop within a graphical plate editor. Previously disparate systems can now be integrated to allow for data to be electronically passed between them, eliminating manual error-prone processes and increasing productivity and data reliability.

A short learning curve, easy integration and automation mean that standardizing with Nautilus has a rapid return on investment and lower Total Cost of Ownership (TCO). Laboratories have noted increases as high as 72% in user-to-IT ratio, 40% in user efficiency and over 50% in work samples per month when standardizing on one LIMS.

Unifying LIMS and Analytical Instrument Data

Until now, LIMS and analytical systems have been autonomous and disparate. The Data Manager solution in Nautilus moves toward fully integrating these two platforms by providing the ability to store raw data from instrumentation and converting this data to a platform-independent format. By linking this data to LIMS entities directly, users can make informed decisions since they have access to all of their instrument data in a single interface. Users can compare analyses from disparate instruments and overlay the results. Data Manager bridges the gap, maximizing the value of existing analytical instruments and protecting investments in the future. No other vendor can offer the scope, breadth and depth of this functionality.

Fully Auditable and Compliant

Users can easily configure their Nautilus system for processes that need to be validated or that operate in the spirit of GLP, without being hindered by complexity and rigidity. In mixed environments, Nautilus security allows regulated data to be kept separate from unregulated processes. Nautilus has a configurable electronic signature template and audit capabilities to comply with 21 CFR Part 11, keeping users aware of what processes they must follow.

Nautilus' database design fully utilizes an Oracle RDBMS to enforce data security, auditing and compliance with 21 CFR Part 11. This ensures the authenticity, integrity and traceability of the lab's data. The unique architecture enables integration with the entire laboratory in a flexible, secure manner.

Partnering with Thermo Fisher Scientific

Thermo Fisher Scientific is the worldwide leader in laboratory software and related services, providing enterprise-wide, multi-laboratory solutions that are relied on at 19 out of the top 20 global pharmaceutical companies. To support our Thermo Scientific informatics installations, we provide implementation, validation, training, maintenance and support from the industry's largest worldwide informatics services network.

Nautilus LIMS for drug discovery and R&D is part of our comprehensive portfolio of Thermo Scientific software solutions for the pharmaceutical industry, including Galileo LIMS™, for in vitro ADME studies in early stage discovery and development; Watson LIMS™, the industry leader in bioanalytical laboratories; Darwin LIMS™ for pharmaceutical manufacturing R&D and QA/QC; and Atlas CDS™, a chromatography data system that integrates seamlessly with Thermo Scientific LIMS.

For More Information

Visit us on the web at **www.thermoscientific.com/informatics** or call +1 866 463 6522 (US) or +44 161 942 3000 (Intl).

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