

LANEXO™ System Brochure

ESCAPE Laboratory Labyrinths



Today



INEFFICIENT & CUMBERSOME

Manual inventory, safety and compliance management via paper/xls-based systems.

COMPLIANCE COMPLEXITY

Manual monitoring of storage compliance.

COMPLIANCE COMPLEXITY

Labor-intensive root-cause analysis of deviations in experiments.

CUMBERSOME SYSTEMS

Data registry and retrieval via paper/xls-based systems are time-consuming and difficult to manage, especially with numerous users.



WORKFLOW INEFFICIENCY

Disposal of unused/expired reagents.



COMPLIANCE COMPLEXITY

Manual maintenance of audit trails, including recording experimental workflows, chain of custody, etc.

WORKFLOW INEFFICIENCY

Manually record open dates & calculate expiration dates.

COMPLIANCE COMPLEXITY

Errors due to manual data transcription & calculations.

CUMBERSOME SYSTEMS

Numerous repetitive and/or error-prone administrative and operational tasks.



WORKFLOW INEFFICIENCY

Manually archive files, and physically search for reagents and their documentation.

TOMORROW

PRODUCTIVITY

Digitized inventory, safety and compliance management: Simply scan RFID labels to register and automatically track consumables.

QUALITY

Real-time storage monitoring—and automatic alerts in case of deviation—improves safety and regulatory compliance.

USABILITY

Intuitive mobile app for ease of use anywhere in the lab.



PRODUCTIVITY

Smart Seal RFID labels auto-register open dates & calculate expiry dates.

QUALITY

Digital data capture decreases risk of human error and increases quality, reliability and traceability of compliance documentation.

USABILITY

Digital data capture via RFID tags allows for easy set up and rapid integration into existing workflows.



QUALITY

Each reagent, including those prepared in-house, can be instantly matched to a full audit report, for better audit-readiness and improved GxP/regulatory compliance.

USABILITY

Web interface for rapid access by all authorized users.



PRODUCTIVITY

Rapid digital access to up-to-date data for all reagents, including those prepared in-house.



QUALITY

Easy identity checks and automated alerts help avoid use of expired reagents and minimize experimental errors.



PRODUCTIVITY

Improved shelf-life monitoring results in reduced use and disposal of expired reagents.



USABILITY

Vendor neutral for complete lab coverage.

LANEXO™

LAB INVENTORY | SAFETY | COMPLIANCE
Management System

Would you like to achieve tangible time, cost and quality advantages in your lab and across your larger organization?

In this changing world, with real-time digital data available all around us, the potential has never been higher for laboratories to re-think their workflows, to re-evaluate their productivity potential, and to re-imagine their quality solutions.

The LANEXO™ Lab Inventory, Safety and Compliance Management System is the newest offering from our growing portfolio of Digital Lab Productivity initiatives. This innovative consumable*-tracking system is specifically designed to **create efficiencies, improve safety and facilitate compliance** within highly-regulated analytical and research laboratories.

Through simple digital data capture of RFID tags placed on consumables, the easy-to-use LANEXO™ mobile application lets users **rapidly, effortlessly and accurately register and archive reagent data** — whether restocking shelves or recording experimental workflows.

The availability of real-time consumables data impacts functions across an organization, improves lab productivity and sustainability, and supports traceability, regulatory compliance, and audit-readiness.

Benefits across the organization

- Lab managers
- Researchers, lab technicians
- QA/QC managers
- EHS managers
- Operations/facility managers
- Procurement

* Consumables include reagents, standards, samples and in-house prepared solutions.

LANEXO™ SYSTEM BENEFITS

📱 Improves laboratory productivity

Reduce time spent on inventory management by tracking stock levels and monitoring expiration dates.

📱 Supports safety & compliance

Reduce compliance & safety risks by automating traceability of reagent documentation and storage compliance check.

📱 Facilitates quality & data management

Reduce errors with easy specification and identity checks along experimental workflows.

- **DIGITAL DATA CAPTURE**
- **USER FRIENDLY**
- **VENDOR NEUTRAL**



To learn more about the LANEXO™ Lab Inventory, Safety
and Compliance Management System, visit:

SigmaAldrich.com/LANEXO

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