

MERCK

LANEXO™ System Brochure

# ESCAPE Laboratory Labyrinths



The life science business of Merck operates  
as MilliporeSigma in the U.S. and Canada.



# 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.



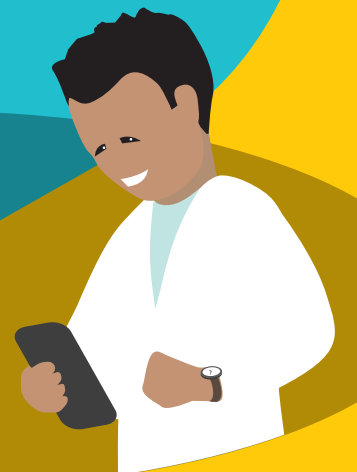
## PRODUCTIVITY

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](https://SigmaAldrich.com/LANEXO)

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