

SAMPLES – the award-winning LIMS and Lab Execution System

Maximum performance and connectivity in the laboratory



LABO

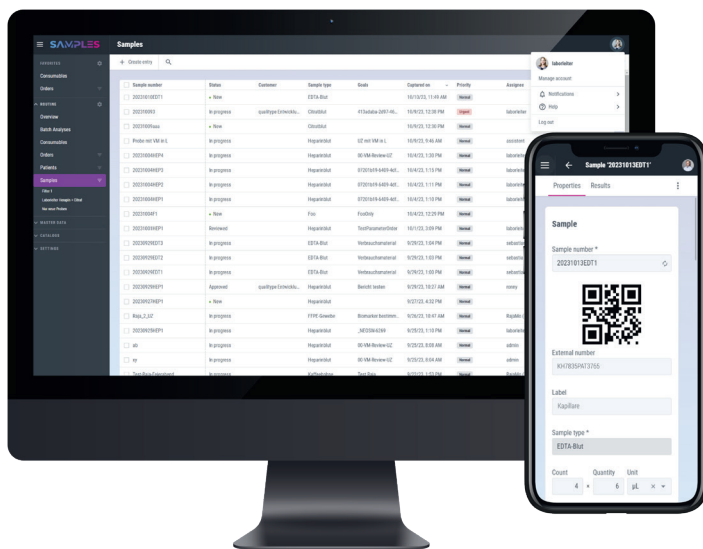
Produkt des Jahres

2025

Gewinner

www.labo.de

According to studies, around a quarter of valuable laboratory time is lost to non-value-adding activities. With SAMPLES – the laboratory software awarded by readers of the trade magazine LABO – you can unlock this hidden potential. SAMPLES is the highly flexible and fully needs-oriented LIMS, ELN, and LES that effectively simplifies laboratory processes. It guarantees maximum performance and connectivity in the laboratory – for more efficient workflows, more motivated staff, and greater cost-effectiveness.



Customize & personalize

Your laboratory is not like any other – and neither are your processes. That's why SAMPLES offers an exceptional level of flexibility and customization options. As a user, you always remain in control of your processes and can independently configure SAMPLES to suit your needs – from sample management and the use of custom fields, to implementing your own workflows, all the way to complex automation processes.

Available features

- ✓ Order & Sample Management
- ✓ Device Management
- ✓ Inventory Management
- ✓ Consumables (incl. stock levels)
- ✓ Series & Subsamples
- ✓ Sample & Device Selection via Scan
- ✓ Test Plans
- ✓ Interactive Instructions
- ✓ Parameters with Limit Values
- ✓ Batch Analysis
- ✓ Result Approval (Four-Eyes Principle)
- ✓ Audit Trail
- ✓ Mobile-Ready in Web Browser
- ✓ Personalizable Views
- ✓ Freely Configurable Input Forms
- ✓ Export of List Views
- ✓ Device Integration
- ✓ Workflow Automation
- ✓ REST API
- ✓ GraphQL API
- ✓ HL7 FHIR

A quick look at what's possible with SAMPLES is provided in our short product demo:

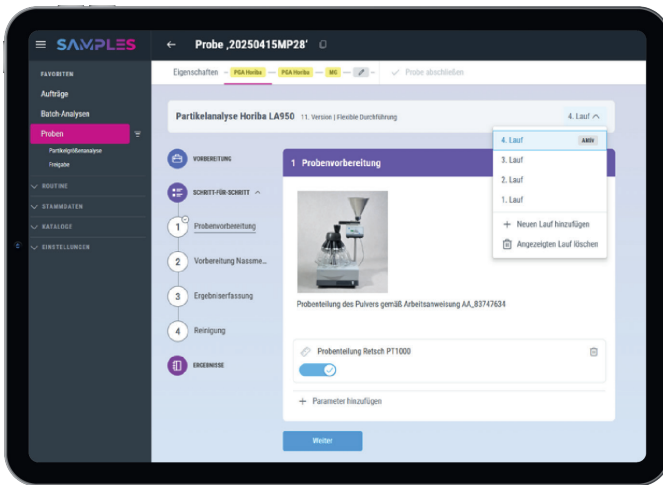


Seamless integration & automation

Thanks to its open software architecture and state-of-the-art device interfaces, SAMPLES guarantees maximum connectivity. Ready to use with just a few clicks, it connects you seamlessly to the applications and devices you need. The integrated Lab Execution System enables the simple and intuitive implementation of automation processes. Additionally, SAMPLES is available with an optional external workflow engine, making it ideally suited even for high-throughput laboratories.

Efficient standardization & guidance

With the Lab Execution functionality, you can quickly and easily implement step-by-step instructions and custom workflows. Processes and tasks can thus be standardized and reproduced independently of individual staff members – extending even to training and knowledge transfer.



Flexible application & expansion

SAMPLES is industry-agnostic and, thanks to its exceptional flexibility, attractive for nearly any application area – from start-ups and contract laboratories to biobanking, environmental sampling, materials testing, and food production. Specialized features such as outdoor-optimized user interfaces and GPS data capture for field use are just as feasible as the integration of AI-driven solutions.

Future-ready operation & impact

The success of digital solutions largely depends on user acceptance. This is where SAMPLES sets new standards: its needs-based, personalized, and modern user interface impresses with forward-thinking, intuitive operation. In addition to desktop use, it is also available on tablets and mobile devices.

Your data:
secured to the max



The security of your data is a top priority for us. That's why, when choosing a cloud option, your data is stored on servers in Europe and benefits from the high security standards of Microsoft Azure Cloud Security.

Data exchange:
simple and fair



You always remain in control of your data. You decide if and when to export and further process it. Want to use platforms like Jupyter Lab and R as well? With SAMPLES, that's no problem.

Discover. Try.
Get started.



You're welcome to experience SAMPLES in one of our live demos and test it without obligation. More information:

www.samples.app

SAMPLES