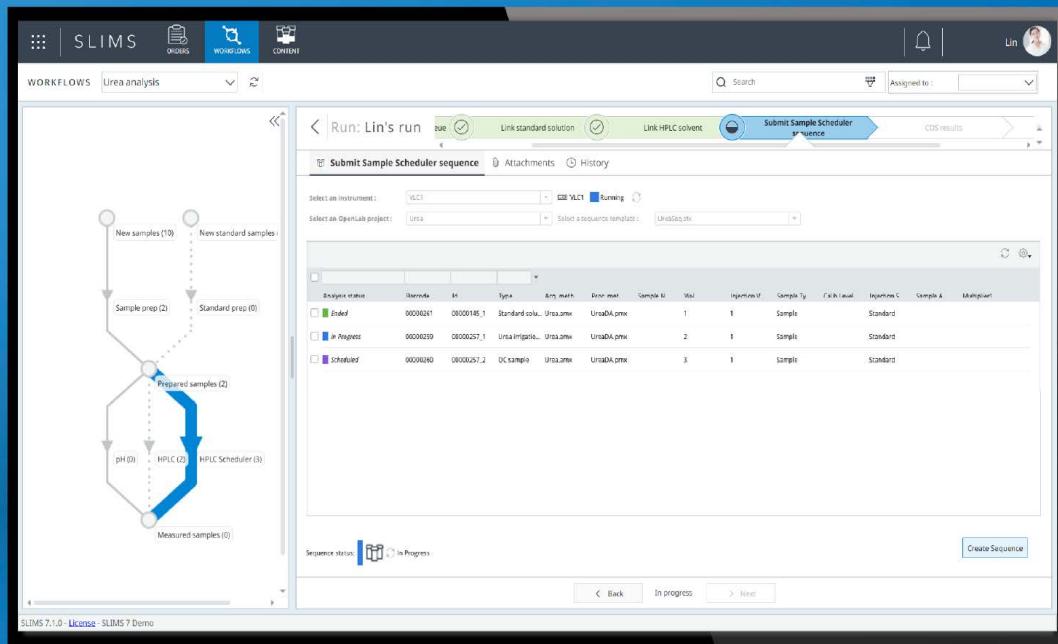


Agilent SLIMS

Manage your lab data in one place



What is Agilent SLIMS?

Agilent SLIMS combines a laboratory information management system (LIMS) and electronic laboratory notebook (ELN) in a single system, enabling comprehensive workflow management. SLIMS is flexible and configurable, helping you increase your lab's productivity. The system is designed to support the requirements of ISO17025, 21 CFR Part 11, HIPAA, and CLIA.



Domains

SLIMS can be applied within various fields to facilitate data collection and record keeping, improving reproducibility and compliance and streamlining processes.

Analytical

- Track complete request lifecycle from analysis to results
- Use SOPs to generate and follow worklists
- Provide product specification testing management
- Integrate with chromatography data systems

Research

- Take notes interactively and follow workflow steps
- Flexibly manage protocol features
- Integrate sample data, experiments, users, and more
- Optimize sample repository management

NGS

- Pool libraries and assign lanes
- Design NGS plates with drag-and-drop functionality
- Track external barcodes or assign plate layout indexes
- Export sample sheets directly to integrated sequencers

Biobanks

- Automate external lab instruments
- Design complete, detailed studies
- Collect, schedule, and send samples to workflows
- Register subjects and restrict personal data access

Enhancing the Everyday Life of Labs

Time-saving SLIMS Store

When installed, SLIMS is ready to adapt to your lab. The SLIMS Store maintains a collection of preconfigured packages that are ready to install and will get you fully functional quickly. Additionally, you can customize any of the packages after they are installed in your SLIMS deployment.

Flexible deployment

SLIMS offers flexible installation options, deploying to either a virtual or physical server. Using Amazon's ECS technology, SLIMS can be used in the cloud on a scalable, powerful, secure virtual server—or installed on a server within your IT infrastructure.

Easy integration

SLIMS generates the sample sheet and returns results for many NGS sequencing machines (such as BGI, and others), QC machines (such as Agilent TapeStation, Fragment Analyzer, and Bioanalyzer systems), analytical instruments including LC, GC, MS, ICP, and Chromatography Data Systems (CDS) systems such as Agilent OpenLab CDS and others.

It can also be connected to other Agilent and non-Agilent laboratory software systems, SAP, and bioinformatics platforms.

SLIMS fully interfaces your instruments and software. It features three APIs (REST, Java, and Python), which allow communication with third-party systems.

Multiple features

SLIMS includes features and modules that can be tailored to meet the needs of your lab.

Sample management

- Digitally track samples and retain lineages
- Record results for reporting
- Maintain data integrity

Dashboard

- Display graphs, tables, and text on one screen
- Access different parts of system simultaneously
- Use shortcuts to simplify repetitive tasks

Workflows

- Visualize workflows with Workflow Management module

Electronic laboratory notebook

- Replace paper lab book with electronic record
- Organize experiments by project name and create SOPs
- Connect sample and reagent information with test results
- Add lab notes and attachments

Order management

- Provide access to track orders
- Create, manage, and monitor test requests
- Review and validate results

Learn more:

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