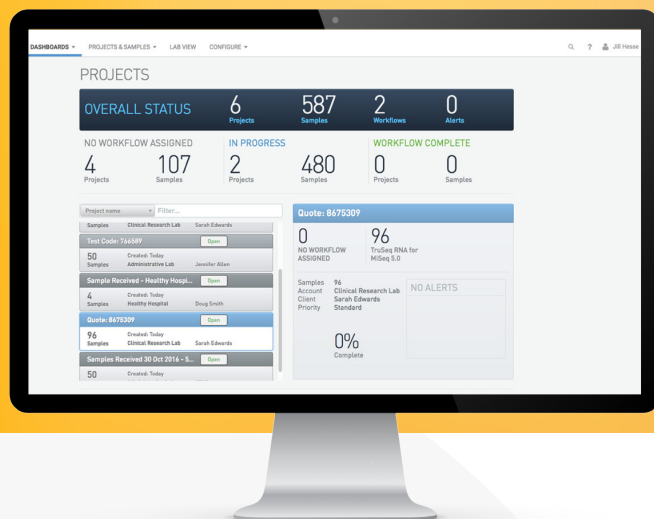


Clarity LIMS™ software



Genomics sample and workflow management

Clarity LIMS software is a laboratory information management system (LIMS) designed for efficient sample tracking and workflow management. Labs can accelerate adoption of new workflows with ready-to-use preconfigured protocols, customize and automate workflow executions, and efficiently track samples in real-time.

Optimized Lab

Save up to 20 hours of manual overhead per week by automating complex tasks and tracking data in one system*

Fast deployment

Ready-to-use Illumina instrument integrations and preconfigured workflows accelerate installation and adoption

Secure

Confidently ensure data integrity and secure access in a certified environment (ISO/IEC 27001:2022 and 27701:2019)

*Reported by Illumina FastTrack Lab and Illumina data on file (2023)

Comprehensive features for smooth adoption, integration, and growth



Out-of-the-box enablement of Illumina instruments and workflows

Access over 65 preconfigured workflows for Illumina NGS and array applications. Labs can install and chain protocols together and easily configure them in the user interface.



Remote collaboration

Easily collect and share data in real-time with external clients. Collaborate on sample submission, status, and results delivery in a single, secure environment.



End-to-end sample traceability

Ensure sample integrity and proper chain of custody with receipt-to-result sample tracking and real-time status monitoring.



Extend and customize your lab

Robust Application Programming Interface (API) enables integration with various third-party tools and lab instruments, and the ability to automate processes.



Audit trail and compliance

Designed with compliance features, including data entry validation, workflow enforcement, audit trails and electronic signatures.



Cloud or local deployment

Select the deployment method that best suits your needs with the option to deploy on an Illumina managed cloud infrastructure or on-premises.

Preconfigured to simplify adoption of genomic workflows

Clarity LIMS is designed to pair with Illumina sequencing systems, kits, and software to provide a powerful framework for future growth and changing laboratory needs.

Clarity LIMS

Ready-to-use workflows for Illumina library prep kits and instruments accelerate implementation of complex workflows and applications



Population genomics

- Example Assay and workflow: Illumina DNA PCR-Free Prep (WGS)
- Secondary analysis: DRAGEN™ Germline pipeline
- Insights and report generation: Emedgene™ software, Connected Analytics Cohorts

Core labs

- Example Assay and workflow: TruSight™ Hereditary Cancer Panel + Illumina DNA Prep with Enrichment workflow
- Secondary analysis: DRAGEN Enrichment pipeline
- Insights and report generation: Emedgene software

Clinical research

- Example Assay and workflow: TruSight Oncology 500 ctDNA
- Secondary analysis: DRAGEN TruSight Oncology 500 Analysis pipeline
- Insights and report generation: Illumina Connected Insights*, Pierian CGW

"By seamlessly integrating with our laboratory processes, Clarity LIMS has effectively streamlined our operations, resulting in reduced turnaround time, improved traceability, minimized hands-on-time, and dramatically reduced the need for repeat sequencing. We have been impressed with the efficiency and productivity gains."

David Murray
Head of Sequencing
Garvan Institute of Medical Research

"Clarity LIMS is a solid platform out of the box and excels due to its flexibility and customization options.

Building on Clarity's foundation, VCGS have been able to tailor it to match our highly specific needs, making it the most suitable choice of LIMS for our laboratory."

Matthew McLeod
Automation and Integration Specialist
VCGS

Scan the QR code to learn more about Clarity LIMS software

LEARN MORE



*Available in select countries. Illumina Connected Insights supports user-defined tertiary analysis through API calls to third-party knowledge sources