GENEWIZ MULTIOMICS & SYNTHESIS SOLUTIONS

Clinical Services

GENEWIZ® From Azenta Life Sciences

Clinical Laboratory Improvement Amendments

CAP ACCREDITED COLLEGE of AMERICAN PATHOLOGISTS

GENEWIZ Multiomics & Synthesis Solutions from Azenta Life Sciences is committed to providing reliable and scalable solutions across our clinical portfolio that produce the high-quality results required to support clinical studies. Our clinical lab follows Good Clinical Practices (GCP) guidelines and is CLIA certified by The Centers for Medicare & Medicaid Services (CMS) and accredited by the College of American Pathologists (CAP) for clinical NGS and Sanger sequencing. Whether you are a pharmaceutical or biotechnology company, our clinical services offer the flexibility to accommodate virtually any size project with the security of your data top of mind. When working with us, all your information, data, and intellectual property are treated with the utmost care and security so you can be sure your data is safe.

CLIA Capabilities

The following clinical laboratory assays are performed by CAP/CLIA-trained scientists on CAP/CLIA-qualified equipment, for research use only (RUO). For additional or customized CLIA capabilities, please contact us at clia@azenta.com.

Genomics

Whole Genome Sequencing (WGS)
Low-Pass WGS
Whole Exome Sequencing (WES)
Targeted Panels
Amplicon Sequencing
Metagenomics
Genotyping

Transcriptomics

Whole Transcriptome Sequencing
mRNA Sequencing
Small RNA Sequencing
Immuno-Profiling
qPCR/dPCR
Spatial Profiling

Epigenomics

Whole Genome Methylation Sequencing
Targeted Methylation Sequencing

Proteomics

Olink® Target Panels
Olink® Explore Panels

Good Clinical Practice (GCP)

In addition to our CAP/CLIA certifications, our labs are now Good Clinical Practices (GCP) compliant (as applicable) in accordance with FDA 21 CFR Part 11 and 58 as well as adherence to the guidelines mentioned by the European Medicines Agency (EMA).

We are proud of our commitment to maintain the highest quality standards, ensuring regulatory compliance for customers. Our labs meet clinical requirements with precision and excellence so that your data is accurate, and your future patients are safe.

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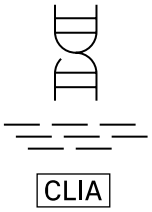
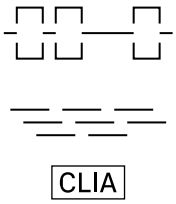
CLIA Registered Tests

GENEWIZ has the following CAP-accredited and CLIA-licensed validated tests available for commercial use; both assays are registered with CMS and the New Jersey Department of Health. Starting sample materials for these tests include genomic DNA, whole blood, and cell pellets (WES). Additional starting materials would necessitate a fit-for-purpose validation.



Whole Genome



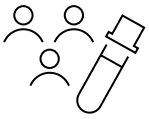
Whole Exome

Features & Benefits

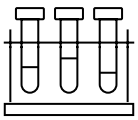
- CAP-accredited and CLIA-licensed laboratory and adherence to GCP guidelines with quality assurance oversight.
- Complete solution pipeline from nucleic acid extraction and sequencing to data analysis and sample storage.
- Dedicated Study Manager for proactive, transparent communication throughout the entire project.
- Superior data quality exceeding manufacturer benchmarks.
- Assay development expertise excelling in assay optimization and handling difficult templates.
- Industry-leading turnaround times with options for expedited assay development and sequencing.

Applications

Clinical Trials

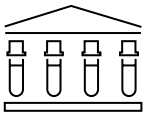


Clinical Research Studies

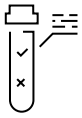


In Vitro Diagnostic Confirmation

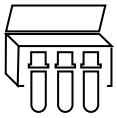
Diagnostic Assay Development



Sample Storage



Sample Sourcing



Sample Collection Kits

Explore our Clinical Service Solutions

AZENTA LIFE SCIENCES

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