

AZENTA
LIFE SCIENCES

**UNRIVALED SAMPLE
EXPLORATION AND
MANAGEMENT**

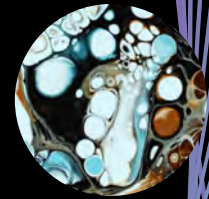
www.azenta.com

At Azenta Life Sciences, we are here to help clear the path for your scientific breakthroughs one sample at a time.

Because every sample is mission critical — we provide unrivaled sample exploration and management solutions.

From advanced automation capabilities to genomics services to novel cryogenic storage solutions, Azenta offers market-leading solutions and services across the lifecycle of a sample.

**BIOSPECIMEN
SOURCING**



**CONSUMABLES &
INSTRUMENTS**



**GENEWIZ MULTIOMICS &
SYNTHESIS SOLUTIONS**



**STORAGE, AUTOMATION
& LOGISTICS**



**SAMPLE INFORMATICS
& LIMS**



**BARKEY AND B MEDICAL SYSTEMS
ARE NOW PART OF AZENTA LIFE SCIENCES**

www.barkey.de | www.bmedicalsystems.com

BIOSPECIMEN SOURCING

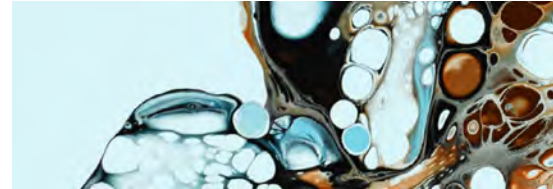
Global Sample Data Sets | Global Biospecimen Sourcing | Consent Reconciliation & Management

WHAT WE DO

- Match the right biospecimen sources to your specific sample need; and even offer customized collections to meet your study's requirements
- Access to biospecimens in any disease indication, including biofluids, fresh or frozen tissues, FFPE, CSF, and others
- Set up and manage prospective studies at selected clinical sites proven to have great recruitment capabilities and ensure compliance with best-practice standards for customized collections
- All our sourcing processes are designed to ensure ethical compliance

HOW WE DO IT

- Established trusted partnerships with a worldwide network of hospitals, clinical sites, and academic biobanks specializing in various medical fields
- Always growing to meet demands with over 2,000 prospective biospecimen providers
- Dedicated Ph.D.-level Study Management Team to find the best solution to suit your needs



One of the most extensive biospecimen collection capabilities in the industry, Azenta Life Sciences facilitates interactions between those who need biospecimens and those who have them.

DISCOVER BIOSPECIMEN SOURCING SOLUTIONS



CONSUMABLES & INSTRUMENTS

Sample Storage Tubes & Instruments | PCR & Microplate Solutions | Sample Cooling & Heating Labware

WHAT WE DO

- Automated tube decapper/capper compatible with most sample storage tubes and operating securely from 5°C to 40°C
- 2D-coded sample storage tubes, readers, and sample management systems
- PCR, qPCR, and sequencing tubes and plates covering all needs of flexibility and automation
- Assay and storage microplates for a wide variety of applications, including cell-based content screening and ELISA, fluorescence, luminescence, and sample collection
- One of the largest ranges of sealing solutions on the market, including adhesive and heat seals
- Automated and semi-automated microplate sealing instruments

HOW WE DO IT

- Customize catalog ranges to cater to specific laboratory needs
- Technical Support Team to assist you in receiving reliable and optimal performance
- Designing solutions to successfully minimize wastage of reagents, and maximize efficiency



We understand every part of your workflow is key to the success of your research, right down to the lab equipment used.

DISCOVER CONSUMABLES &
INSTRUMENTS SOLUTIONS



GENEWIZ MULTIOMICS & SYNTHESIS SOLUTIONS

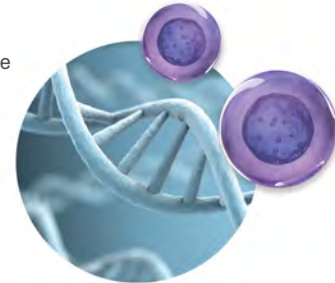
Next Generation Sequencing (NGS) | Sanger Sequencing | Synthetic DNA & RNA Solutions

WHAT WE DO

- Standard and unique end-to-end services for extraction, library preparation, sequencing, and bioinformatics
- DNA sequencing for various sample types, direct bacterial colony and glycerol stock for all kind of project sizes from single tube to plates, also available as CLIA or GLP-compliant services
- Robust capabilities for synthesizing complex and difficult sequences and cloning of codon-optimized genes into custom vectors for optimal protein expression to support antibody discovery, protein and antibody engineering, CRISPR gene editing, and other projects
- Unique services for AAV (adeno-associated viruses) including novel QC testing via NGS, plasmid synthesis, mini- to giga-scale AAV plasmid production, and sequence verification by our proprietary AAV-ITR Sanger sequencing method

HOW WE DO IT

- Dedicated Ph.D.-level teams provide around-the-clock multilingual support during your entire project and at local working hours
- Global operations and logistics teams, strategically located in Europe, USA, and Asia, ensure shortest sample transport routes, data security, and industry-leading turnaround times
- Applying unique next generation sequencing technologies to analyze DNA, RNA, and proteins
- Barcodes to support ease-of-ordering and automated sample processing workflows



Discovery can be challenging work. Until you find the right genomics partner.

DISCOVER GENEWIZ MULTIOMICS
& SYNTHESIS SOLUTIONS



STORAGE, AUTOMATION & LOGISTICS

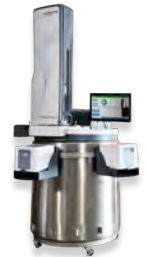
On & Off-Premises Temp-Controlled Storage | Temp-Controlled Automation | Logistics & Transport

WHAT WE DO

- Sample management services, automated storage systems, and state-of-the-art biorepository facilities
- Storage temperatures ranging from 27°C to -190°C
- Our storage solutions are automated, space-efficient, and modular to fit the specific needs of a lab or biobank either at customers' or an Azena site
- Rapid sample/material retrieval as fast as 24 hours and shipment across the globe
- Secure and compliant audit trail reporting with 24/7 visibility into inventory data and consolidation of third-party data for a more reliable inventory
- Lab relocation for a wide range of biological materials that require storage in temperature-controlled environments, cold storage units, and regulated chemicals

HOW WE DO IT

- Certified staff and facilities globally
- Processes to protect the identity, integrity, and chain-of-condition of sample storage, from retrieval to delivery
- Industry-leading experts in regulated biological material management
- Highly specialized cold chain logistics and transport teams



At Azena we treat every sample and process as mission critical
because we understand the importance of sample integrity.

DISCOVER STORAGE, AUTOMATION
& LOGISTICS SOLUTIONS



SAMPLE INFORMATICS & LIMS

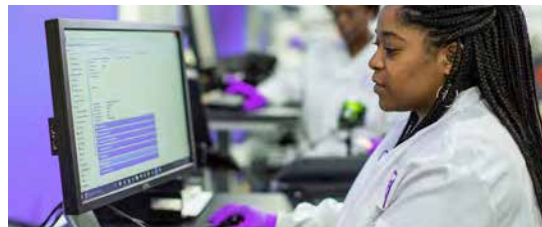
Inventory Management | Workflow Management | Sample Libraries

WHAT WE DO

- Provide end-to-end sample management with full analytical capabilities
- Track all sample and inventory movement with extensive data analytics and reporting
- Make lab operation easier with intuitive, fast, reliable, and secure data processing
- Complete audit trails with live and smart search

HOW WE DO IT

- By offering robust, scalable, secure, cloud-based sample and product lifecycle management platforms
- Delivering software to manage samples, products, and a rich dataset of associated information securely
- User-friendly graphical interface
- Cloud-based sample inventory management system



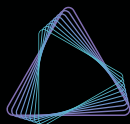
Managing crucial data and processes while maintaining security and compliance can be challenging. You need a partner who has demonstrated success.

DISCOVER SAMPLE INFORMATICS
& LIMS SOLUTIONS

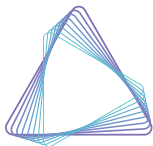


AZENTA LIFE SCIENCES

Phases of Therapeutics Development	Research & Discovery	Preclinical & Clinical	Manufacturing & Distribution
GENEWIZ MULTIOMICS & SYNTHESIS SOLUTIONS	<ul style="list-style-type: none"> • Target Identification & Validation • Lead Generation • Assay Development • Synthesis and Sequencing 	<ul style="list-style-type: none"> • Lead Optimization • Candidate Testing • Clinical Trial Management • Scientific & Regulatory Guidance 	<ul style="list-style-type: none"> • GLP-Compliant Sample Processing • GMP-Compliant Manufacturing • CDMO Solutions
BIOSPECIMEN SOURCING	<ul style="list-style-type: none"> • Global Sample Data Sets • Global Sample Sourcing 	<ul style="list-style-type: none"> • Consent Reconciliation & Management 	
STORAGE, AUTOMATION & LOGISTICS	<ul style="list-style-type: none"> • Temperature-Controlled Storage • Sample Access 	<ul style="list-style-type: none"> • Temperature-Controlled Storage • Sample Access • Sample Repurposing 	<ul style="list-style-type: none"> • Therapy Storage & Distribution
CONSUMABLES & INSTRUMENTS	<ul style="list-style-type: none"> • Sample Integrity & Process Control • Process Efficiency • Sample Tracking & Identification 	<ul style="list-style-type: none"> • Sample Integrity & Process Control • Process Efficiency • Sample Tracking & Identification 	
SAMPLE INFORMATICS & LIMS	<ul style="list-style-type: none"> • Sample Integrity • Sample Data Access 	<ul style="list-style-type: none"> • Dynamic Inventory Management • Sample Data Access 	<ul style="list-style-type: none"> • Dynamic Inventory Management • Sample Data Access



ALL OUR SOLUTIONS
UNDER ONE COMPANY



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Azenta Life Sciences solutions.

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