

UK Biocentre: A Beacon in Biomedical Innovation



Established by UK Biobank in 2011, UK Biocentre is a respected leader in sample management, high-capacity bioprocessing, and storage.

We're a not-for-profit organisation that supports and facilitates large-scale biomedical, pharmaceutical, and clinical research studies. We enable life-changing research in the academic, pharmaceutical and biotech research communities. We offer solutions from sample processing and analysis to genomics and long-term sample cold storage.

From the outset, we've valued our role as essential collaborators in the scientific process, providing reliable, high-quality services that help researchers make critical advancements in their fields. This drives our passion for delivering unparalleled services, using state-of-the-art technology, and adhering to the highest compliance and accreditation standards.

We pride ourselves on nurturing relationships with our partners and, by leveraging dedicated automation and sophisticated software systems, we achieve consistent high-throughput sample processing and tracking.

This commitment not only delivers exceptional value for UK academic and medical research but also provides the logistical backbone that guarantees customers and partners seamlessly achieve their study objectives.

UK Biocentre is committed to consistently driving quality and innovation. Our legacy, deeply rooted in our dedication to advancing science, combined with our quality certifications and accreditation, has cemented our position as a respected leading provider of services to life sciences across academia and industry.



OUR MISSION IS SIMPLE: TO PROVIDE SOLUTIONS TAILORED TO MEET THE UNIQUE CHALLENGES OF THE BIOMEDICAL WORLD, AND IN DOING SO, HELP SHAPE THE FUTURE OF GLOBAL HEALTH.

Throughout your research journey, we're dedicated to delivering your science.



2 sites

Our main facility is in Milton Keynes with a backup storage facility in Oxford.



> 70.000 square foot

Our purpose-built facility in Milton Keynes is used for the management, processing, and analysis of biological samples for biomedical research.



35 million samples

We offer automated and manual storage at -80°C and -196°C

SOLUTIONS & OFFERINGS

Tailored Solutions for Your Biomedical Success

Sample Processing:

- Comprehensive project management service.
- Capable of handling tens to thousands of samples daily.
- Includes receipting, liquid reformatting, blood sample fractionation, DNA/RNA extraction, quantification, normalisation, and kit preparation.
- Logistics and courier services.
- Sample storage, sample picking and aliquoting.

Automated Nucleic Acid Services:

- Comprehensive DNA/RNA extraction from diverse samples including blood, saliva, and tissue.
- Large-scale, efficient processing with semi and fully automated platforms.
- Quantification systems using spectrophotometric absorbance or PicoGreen™ fluorescence.
- Bespoke DNA normalisation using advanced liquid handling workstations.
- Genotyping and sequencing.

State-of-the-Art Sample Storage:

- Automated -80°C freezers compatible with modern storage tube types.
- Liquid nitrogen cryo storage at -196°C.
- We offer bespoke manual storage solutions upon request.

Sample Logistics:

- High precision automated sample picking systems.
- Efficient domestic and international shipping services for assay-ready orders.
- Courier services.

Why Choose UK Biocentre

Our Commitment to Excellence:

- Accreditations: ISO 27001:2013, ISO 9001:2015, ISO 15189:2012, HTA licence.
- State-of-the-art customised Laboratory Information Management System (LIMS).
- Commitment to the development of our workforce with Investors in People Accreditation.

Key Features of Our LIMS:

- Full biobanking and sample processing coverage.
- Complete audit trail of samples.
- Sample traceability.

Connect with UK Biocentre and discover solutions that will deliver your science.

Our Partners
and Projects:



NIHR | National Institute for
Health and Care Research

NIHR | BioResource



For more information about our solutions, please contact: info@ukbiocentre.com | +44 (0)190 887 0800

