

Biological Sample Processing Solutions



A comprehensive, integrated and global solution for the processing and storage of biological samples.

IBX transforms every sample into a renewable resource for life science discovery and development.

Leveraging over 50 years of biomaterial expertise

Enabling Scientific Discovery & Development

Infinity BiologiX is a biological sample solution provider providing a wide range of laboratory and scientific services to enable scientific discovery and development in the both the clinical and research arenas.

IBX provides comprehensive physical and digital chain of custody for the collection, processing, analytics and biobanking of samples for all cellular and multiomics based research.

It offers an integrated, state-of-the-art scientific approach and technology infrastructure to deliver solutions for clients across a wide range of Life Sciences industries.

Primary Sample Types including:

- ✓ Blood Spot Cards
- ✓ Buccal Swabs
- ✓ Buffy Coat
- ✓ FACS / LCM sorted cells
- ✓ Feces
- ✓ FFPE
- ✓ Fresh & Frozen Tissue
- ✓ iPSC's
- ✓ PAXgene™ Preserved Tissue
- ✓ PAXgene™ Preserved Whole Blood
- ✓ Plasma
- ✓ Saliva
- ✓ Semen
- ✓ Serum
- ✓ Urine
- ✓ Whole Blood

Global bioprocessing solutions include:

Cell Culture & Stem Cell Services



- Master Cell Banking
- CPL's and PBMC's generation from whole blood
- LCL's transformation
- CRISPR Gene Editing
- Transient and long-term storage in liquid nitrogen
- Stem cells differentiation
- iPSC production and reprogramming
- Flow Cytometry analysis

Tissue & Pathology Services



- Slide preparation and preservation
- H&E and frozen section analysis
- IHC and special stain analysis
- Diagnosis confirmation
- Whole slide imaging
- Macrodissection of FFPE and fixed samples
- Pathology Reporting

Genetic & Genomic Analytical Services



- PCR/qPCR
- Next Generation Sequencing
- Genotyping
- Gene expression
- Microarray
- Molecular genetics diagnostic services
- Assay design

Sample Preparation & Extraction Services



- Sample aliquoting
- Sample QC and Verification
- DNA/RNA extraction
- Blood fractionation
- Sample storage
- Sample Distribution

Global Collection Kit Management



- Custom Kit Design
- Project Management
- Protocol-Specific Kit Consulting
- Complete Biomaterial planning strategies
- Comprehensive logistics management
- Sample collection and identification
- Complete end to end tracking and traceability

Bioinformatics & Analytical Services



- Experimental design consultation
- Production of common genetic maps
- Resolution of linkages or genotyping discrepancies
- DNA identity fingerprinting
- Functional data analysis for genome and transcriptome wide analyses
- Customizable data formatting



For more information visit our website or get in touch

ibx.bio



Infinity Biologix LLC
Nelson Biological Laboratories
604 Allison Rd
Piscataway, NJ 08854
USA

Tel: **+1 732 445 1498**

Fax: **+1732 445 1149**

Email: **info@ibx.bio**

ibx.bio