



## Sample Preparation Services

IBX industry-leading sample preparation services ensure your valuable sample assets are not only protected, but become renewable resources for future research analysis

# Transforming your sample into a renewable resource

IBX transforms every sample into a renewable resource for life science discovery and development. All we think about is the Biological Sample, by customizing sample preparation we maximize the utility of your sample for your requirements today & tomorrow.



Collection



Processing & Extraction



Storage

## Consulting

Development of customized sample and liquid handling protocols to support regulatory and protocol compliance.

## Logistics and Sample Processing

Sample processing, 24 hours after collection, maintains sample integrity, protecting sample assets.

## Sample Preparation

Sample preparation transforms the sample into precise matrix components (plasma, serum, PBMC, DNA and RNA) which reduces testing time and cost while ensuring only viable samples arrive at their next testing destination in a ready-to test condition.

Scalable capacity to handle:

- 10,000 nucleic extractions per day
- 100,000 aliquots per day
- 500 PBMC isolations per day

## Sample Storage & Management

Short and long term storage of a wide range of Biomaterials including mammalian and non-mammalian cell lines, nucleic acids in frozen liquid or ambient desiccated formats, PBMC, plasma and serum.

Capabilities:

- ✓ Mechanical: -70°C, -80°C, -20°C, 5°C
- ✓ Liquid Nitrogen: -190°C (liquid and vapor phase storage)
- ✓ Automated: -80°C & -190°C
- ✓ Bulk or non-bulk: 15°C to 27°C

## Tracking

Tracking of parent/stock sample and child/aliquot relationships via an industry leading, uneditable sample management systems ensures quality control and efficient utilization of samples

# Our services



## Aliquoting Services / PBMC Processing

Supported by intense high throughput automated liquid handling processes, our onsite aliquoting services can help you eliminate the risk of aliquoting errors at study sites and reduce logistics expenses.

- Blood Fractionation
  - Plasma, Serum
  - PBMC including LCLs & CPLs generation
- Volumetric Aliquoting
- Normalized Aliquoting (by concentration target)



## Genetic and Genomic Analytical Services

- PCR/qPCR
- Sequencing
- Genotyping and Gene Expression
- Microarray
- Molecular Genetics Diagnostics Services



For more information visit

**ibx.bio**



## Nucleic Acid Extraction Services

- DNA, RNA and miRNA extraction
- Aliquoting of Extracted Samples
- Verification of Purity, Yield and Concentration



## Tissue and Pathology Services

- Slide Preparation and Preservation
- H&E and Frozen Section Analysis
- Immuno-histochemical and Special Stain Analysis
- Centralized Biopsy Analysis and Diagnosis Confirmation

Sample Type	SAMPLE PREPARATION	NUCLEIC ACID EXTRACTION	GENOMIC SERVICES
Blood	✓	✓	✓
Tissue	✓	✓	✓
PBMC	✓	✓	✓
iPSC	✓	✓	✓
Buccal Swab and Saliva	✓	✓	✓
Animal Cells	✓	✓	✓
Body Fluids	✓	✓	✓
FFPE Tissue	✓	✓	✓
Stool	✓	✓	✓
Plant Cells	✓	✓	✓
Bacteria or Yeast	✓	✓	✓



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](mailto:info@ibx.bio)**

**ibx**.bio