

Diseased Tissue and Normal Controls

BioreclamationIVT collects high quality, fully characterized, diseased and normal tissue from live donors, sourced from a large network of collection sites and research hospitals – both domestic and foreign.

- Existing specimen bank
 - 50,000+ specimens
 - Rapid turnaround time of data and specimens
 - High resolution H&E slide images available
- Staff pathologist on-site
- Custom & prospective collections
- IRB approved protocol and fully consented donors
- 100% Product guarantee

Industry Leading Tissue Network

→ Ask for a customized inventory report to select samples from our extensive on-site tissue specimen bank.

Network Advantages

Fully Characterized

Tissue specimens are fully characterized, including:

- Clinical medical history
- Surgical data
- Pathology report
- TMN Staging
- Histological slide images

Pre-Treatment Specimens

BioreclamationIVT's extensive network enables us to collect from late-stage, pre-treatment donors.

Staff Pathologist

Our on-site staff pathologist reviews all incoming specimens to verify diagnosis, perform histological analysis and capture cancer and necrosis percentage.

Tissue Preservation Options

- Flash frozen
- Formalin Fixed Paraffin Embedded (FFPE)
- Fresh collection / Immediate shipment

Customization

Custom Collections

Custom collections can be arranged to meet your study requirements. Donor demographics, special sample handling procedures and data requirements can be specified.

Inclusion / Exclusion Criteria

Inclusion and exclusion criteria can be specified such as age, gender, stage, medication, diagnosis, etc.

Matched Sets

Diseased / Cancerous tissues and Normal adjacent tissue can be provided from the same donor, along with blood, plasma, serum and other biological specimens.

Patient Populations

Oncology

- | | | | | |
|------------|--------------|------------|--------------|--------------|
| - Adrenal | - Colon | - Liver | - Pancreatic | - Stomach |
| - Bladder | - Esophageal | - Lung | - Penile | - Testicular |
| - Brain | - Intestinal | - Lymphoma | - Prostate | - Thyroid |
| - Breast | - Kidney | - Myeloma | - Rectal | - Tongue |
| - Bone | - Laryngeal | - Oral | - Sarcoma | - Uterine |
| - Cervical | - Leukemia | - Ovarian | - Skin | |

Non-Malignant

- | | | | |
|----------------|----------------|------------------------|--------------------|
| - Appendicitis | - BPH | - Benign Tumors | - Colitis |
| - Diabetes | - Osteoporosis | - Rheumatoid Arthritis | - Uterine Prolapse |

➔ **These lists are not all-inclusive. Please contact us if your study requires other sample types.**

Products and Processing Services

- Primary tumor and other diseased tissues
- Normal adjacent tissue
- Tissue micro-arrays (FFPE and frozen)
- Protein lysate arrays
- “Dip Sticks”
- Genomic DNA
- Total RNA & mRNA extractions
- Protein lysates
- Tissue sectioning / Slides (unstained, H&E, curls, OCT embedding)
- Blood, serum, plasma and other biologicals can be matched to tissue specimens.
- Custom testing
 - Immunohistochemistry
 - Targeted gene sequencing
 - Gene expression profiling
 - Transcriptome, exome, and next-gen sequencing

➔ **Ask us about our other tissue collection capabilities, including:**

- Whole tissues (brain, liver, lung, kidney, etc)
- Skin punch specimens (shipped fresh or frozen)
- Colonoscopy specimen collections (shipped fresh or frozen)
- Biopsy tissues
- Liposuction and plastic surgery remnants

Specimen Quality

As a part of BioreclamationIVT’s Quality Policy, only products and services of the highest quality are provided to our clients.

- Frozen and FFPE tissues are preserved within 15-30 minutes of collection.
 - Frozen on Liquid Nitrogen
 - FFPE on 10% buffered formalin
- Diagnosis information is confirmed by at least 3 medical pathologists, including BioreclamationIVT’s staff pathologist.
- Quality control of each specimen, including cancer percentage, necrosis, and other physical factors
- Molecular quality control ensuring high RNA Integrity Number (RIN)
- Cross contamination is prevented at all times, including storing specimens in separate containers and never co-mingled in Liquid Nitrogen.

Ethical Collections

BioreclamationIVT ensures that the tissue collection network operates in a fully ethical and transparent manner.

- IRB approved protocols and collection sites
- Fully consented donors
- De-identified specimens
- International research network operates to domestic standards and BioreclamationIVT quality policies.

For Inquiries: North America
T +516 483 1196 F +516 483 4683 E customerservice@bioreclamationivt.com
Europe
T +44 1444 250 010 F +44 1444 250 066 E customerservice@bioreclamationivt.com

