

HUMAN TISSUE

REVOLUTIONIZING THE WAY HUMAN TISSUE IS PROCURED

With a track record of delivering high quality, ethically-sourced human biofluids to the global pharmaceutical and diagnostic industries, iSpecimen is your one-stop source for human specimens. Our revolutionary online marketplace connects researchers to a range of human biospecimens available in our healthcare provider partner network – including biofluids, tissue, and viable cells. Through our online marketplace, you can instantly search for samples from patients using precise inclusion and exclusion criteria that are then matched against electronic health record data associated with each sample. When matches are made and specimens are available at our partner sites, simply select the samples for your research project right on the spot. When samples aren't immediately available in the marketplace, we can collect samples prospectively – both research samples directly from patients in our healthcare provider network and remnant samples from our pathology laboratory partners.

ACCESS TO A WIDE VARIETY OF TISSUE SPECIMENS

Our solid tissue samples are collected from patients undergoing surgical procedures across a range of medical conditions, with a particular focus on oncology samples. We offer matched sets of diseased tissue, normal adjacent tissue, and well healthy/normal controls. All of our tissue samples include a wealth of clinical data made conveniently available via our extensive specimen supplier network.

FORMAT
Fresh Tissue
Frozen Tissue
FFPE Blocks, Slides and Curls
Tissue Microarrays (TMAs)

CHARACTERISTICS
Malignant Tumor
Benign Tumor
Other Diseased
Normal and Normal Adjacent

SIMPLIFIED COMPLIANCE AND CONTRACTING

iSpecimen simplifies compliance and contracting by managing both processes across all of our healthcare provider partners. We ensure that all research samples are collected under approved IRB/IEC protocols with informed consent and all archived pathology samples are collected with informed consent, waiver of consent, or under a Non-Human Subject Research determination. In addition, iSpecimen manages contracts with all of our partner sites, giving you access to more than a hundred healthcare organizations with only a single contract with iSpecimen.

HIGHLY SPECIFIC SPECIMENS, READILY AVAILABLE

The iSpecimen Marketplace gives you instant access to millions of biofluids, tissue, and cell samples – anytime, anywhere. Advanced search and filtering capabilities across patient-level characteristics, specimen-level criteria, and collection site information means you can find exact specimens that match your research in an instant.

RICHLY ANNOTATED, DE-IDENTIFIED SAMPLES

All of our samples are richly annotated and may include data such as patient demographics, diagnoses, medications, procedures, outcomes data, laboratory test results, pathology reports, family history, and social history. Molecular and genetic characterizations are available for select samples.



STANDARD RESEARCH SAMPLES AND PATHOLOGY ARCHIVES

The iSpecimen healthcare partner network provides you with access to millions of specimens including more than two million research samples at biorepository partner sites and one million archived pathology samples at pathology partner sites. If desired samples do not exist in banks or archives in our network, our partner sites can prospectively collect samples for you using their standard collection protocols.

CUSTOM RESEARCH COLLECTIONS

If you need samples collected or delivered using non-standard protocols—such as those delivered fresh or in special media—our custom collection services can help. We can set up a custom sample collection in our expansive partner network as well as find and recruit new sites specifically for your project.

CUSTOM COLLECTION SERVICES

iSpecimen offers the following services for your custom research collections:

Site Selection: We match up your sample requirements to our vast network of collection sites and select the best sites for your project based upon needs, such as available patient populations, specimen collection capabilities, geographic location, compliance requirements and restrictions, and legal requirements and restrictions.

Site Recruitment and Contracting: If your project's requirements fall outside of the scope of our existing sites' capabilities, we offer site recruitment and contracting services based upon your project requirements.

Compliance Management: iSpecimen monitors all sites to ensure that research samples are collected under an approved ethics protocol with informed consent. Should your project have requirements that fall outside of existing protocol approvals, we offer custom protocol development services.

Kitting Services: iSpecimen provides kitting services, simplifying your project management and ensuring supply sites use common collection kits across your project.

Site Training: Before iSpecimen begins custom collections, we provide on-site or web-based training for our collection sites as well as ongoing monitoring and support to ensure collections are done in accordance with project specifications.

Specimen Processing: Should your project have customized processing needs, iSpecimen can coordinate processing and testing services on your behalf.

Distribution Services: We provide complete logistical support for the shipping and distribution of all collections, worldwide.

Tissue Collections in Action

Fresh Ovarian Cancer Tumors: A precision medicine company requested ovarian cancer tumor tissue samples with specific TP53 and KRAS mutation status, each from a different patient, along with a wealth of data around each sample. The tissue samples needed to weigh at least 200 mg each and were to originate in U.S. sites only. We were able to collect these across a number of healthcare provider organizations.

Checkpoint Inhibitor Sets: A biotechnology company developing new cancer therapies needed frozen tissue samples from patients treated with checkpoint inhibitors. Through iSpecimen, they were able to rapidly procure frozen cancerous tissue, corresponding normal adjacent tissue, and matched sets of plasma and peripheral blood mononuclear cells from the specified patients.

Triple Negative Breast Cancer Blocks: A client at the vanguard of cancer treatment required triple negative breast cancer FFPE blocks. These samples, which were delivered in less than a week, supported our client's investigation into an array of new therapeutic approaches.



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450 Bedford Street,
Lexington, MA 02420
781-301-6700

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