

HUMAN BIOFLUIDS

A REVOLUTIONARY SOLUTION TO BIOFLUID PROCUREMENT

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, we can collect samples prospectively – both research samples directly from patients in our healthcare provider network and remnant samples from our clinical laboratory partners.

ACCESS TO A RANGE OF BIOFLUID TYPES

Whether you need biofluids from patients with specific medical histories, with specific laboratory test results, or from healthy/normal donors, we can help. Biofluids are available across a range of specimen types, including (but not limited to):

Whole Blood
Plasma
Serum
Buffy Coat
Nasal, cheek, cervical, and other swabbed material

Urine
Stool
CSF
Saliva
Sputum

SIMPLIFIED COMPLIANCE AND CONTRACTING

iSpecimen simplifies the compliance and contracting process 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 clinical remnant samples are collected with informed consent, waiver of consent, or under a Non-Human Subject Research determination. In addition, iSpecimen simplifies your contracting process by managing specimen procurement contracts with all partner sites, giving you access to more than a hundred healthcare organizations with a single contract with iSpecimen.

HIGHLY SPECIFIC SPECIMENS, READILY AVAILABLE

The iSpecimen Marketplace give you instant access to millions of biofluid, tissues, 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 CLINICAL REMNANTS

iSpecimen's healthcare partner network provides you with access to millions of specimens including more than 2 million research samples at biorepository partner sites and 20 million clinical remnant samples at laboratory partner sites. When required samples are not readily available, sites can prospectively collect samples for your project using the sites' standard collection protocols.

CUSTOM RESEARCH COLLECTIONS

If you need samples collected or delivered in using non-standard protocols (such as those collected in specific tube types or delivered within hours), our custom collection services can help. We can set up custom sample collections 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 to 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.

Biofluid Collections in Action

Fresh Blood In Four Hours: An in vitro diagnostics (IVD) company validating the accuracy and precision of hematology tests needed fresh whole blood samples. iSpecimen met the challenge, providing the company with blood samples delivered within hours of being drawn from participating patients. Over a three-month period, iSpecimen delivered nearly 10,000 samples of fresh blood.

Pre-Colonoscopy Samples: A company developing a liquid biopsy for colon cancer required blood samples from patients undergoing a colonoscopy as well as colonoscopy results and associated pathology results. iSpecimen recruited and contracted with more than a dozen collection sites, coordinated all compliance and contracting requirements, created collection kits, and managed the coordinated collection of thousands of samples across the sites.

Clinical Remnants: An in vitro diagnostics company was validating a new instrument and required thousands of clinical remnant samples across hundreds of analytes and ranges—some well outside the normal range. iSpecimen prospectively collected and banked the samples until the company was ready to receive them for testing.



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