iSpecimen is a trusted, one-stop source of customized human biospecimen collections. Compliantly sourced from our diverse partner network of hospitals, labs, biorepositories, blood centers, and other organizations, our specimens are delivered directly into the hands of researchers using unique, turnkey technology that precisely matches researchers’ needs to available patients and specimens. We offer remnant biofluids, solid tissue, and cells as well as those collected under specific research protocols, and also provide access to both banked and prospectively collected material. Our range of specimens, as well our access to rich patient and specimen data, ensure researchers get the specimens they need from the patients they want.

SPECIMEN TYPES

Biofluids
iSpecimen sources a broad range of biofluids, from both healthy patients and those with medical conditions, across thousands of different analytes with corresponding test results. Biofluids are available fresh or frozen and with or without additives, such as EDTA, Lithium Heparin, and Sodium Citrate. Some examples of the types of biofluids we provide include:

- Whole Blood
- Plasma
- Serum
- Buffy Coats
- Urine
- Stool
- CSF
- Liquid Cytology
- Swabs
- Saliva
- Sputum

Solid Tissue
iSpecimen procures a range of solid tissue from healthy patients and those with medical conditions such as all types of cancers and benign conditions. Because we have access to the full electronic medical record, we can select and annotate specimens with molecular and genetic characterizations, treatment data, outcomes data, and other pertinent patient and specimen data. Tissue is also available in matched sets of tumor tissue, normal adjacent tissue, biofluids, and/or cells as well as longitudinal collections from the same patient. Solid tissue formats we offer include:

- Fresh, frozen, or fixed tissue
- Formalin-fixed paraffin-embedded (FFPE) blocks
- Stained or unstained slides
- Whole tissue
- Tissue microarrays (TMA)

Cells
iSpecimen provides fresh and cryopreserved viable cells isolated from bone marrow, peripheral blood, and cord blood. Available cell types include mononuclear cells, myeloid cells, lymphoid cells, and pluripotent stem cells, from both healthy and disease-state donors.
A WEALTH OF DATA

Because we have access to de-identified electronic medical record data, including clinical and anatomic pathology reports, iSpecimen can select and annotate specimens based upon a wealth of patient and specimen characteristics.

Medical Conditions
Medical conditions can be derived from problem lists, test results, billing information, treatment data, encounter data, and other pertinent clinical information to ascertain the diagnoses of our donor patients. A sampling of condition types for which we procure specimens includes the following. This is a partial listing so please contact us with your specific needs.

- Allergies
- Autoimmune
- Cardiovascular
- Dermatology
- Endocrinology & Metabolism
- Eye & Ear
- Gastroenterology
- Genetics
- Genitourinary
- Healthy normal
- Hematology
- Infectious Diseases
- Neurology
- Oncology
- Pulmonology
- Toxicology & Drugs of Abuse
- Women’s Health

Demographics
Demographics include age, gender, ethnicity, race, geography, and inpatient/outpatient status.

Medications
Researchers may request specimens from patients who are or have been on specific medications or classes. We can also provide information on how patients responded.

Procedures
iSpecimen has access to donors who have undergone a variety of medical procedures, including operations, diagnostic tests, and other procedures. Please contact us for your specific needs.

Other Data
Additional data we access include molecular and genomic data, outcomes data, family and/or social history, and any other information typically found in medical records. And, of course, we can provide consent and IRB protocol information because all our specimens are collected under IRB oversight with all required consents, waivers, or Non-Human Subjects Research determinations.