

Finding the right human biospecimens just got a whole lot easier.

For biomedical researchers who need a ready supply of high-quality, richly-annotated human biospecimens, iSpecimen is a trusted one-stop source of customized collections. Through our unique proprietary technology, we watch the flow of specimens and associated data throughout our diverse partner network of hospitals and labs around the country for samples that precisely match your research criteria. You quickly gain access to the solid tissue or biofluids you need from the patients you want.

An unmet need.

With the increasing promise of personalized medicine, the drug and diagnostic industries are booming. However, traditional methods of human biospecimen procurement are not meeting researcher demand. In one National Cancer Institute study, a striking **81%** reported limiting the scope of their research due to shortage of both the quality and quantity of specimens they need.

Specimen Types*

- Whole Blood
- Plasma
- Serum
- Urine
- Stool
- Cerebral Spinal Fluid (CSF)
- Liquid Cytology
- Sputum
- FFPE Blocks
- Stained or Unstained Slides
- Fresh or Frozen Tissue

* Partial Listing

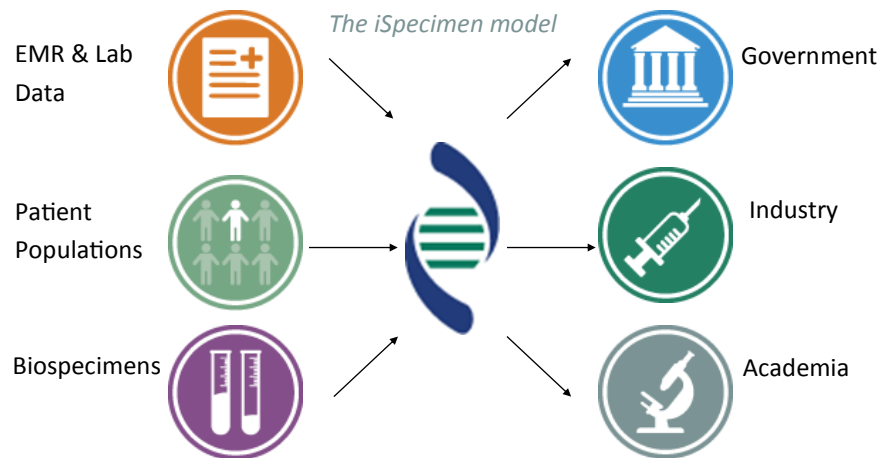
Laboratory Tests

- 10,000+ lab tests
- Any specified results range

Patient Characteristics

- Demographics
- Diagnoses
- Medications
- Procedures

Technology-driven procurement, on-demand results.



Our proprietary technology drives the only marketplace of its kind that watches the flow of remnant specimens across the healthcare system. We match these specimens with researchers hungry for a vast and ready supply of top quality, data-rich samples that include electronic medical record data, pathology report data, and other available datasets. Patient cohort and specimen criteria are collected in accordance with research needs, and when a specimen match is made, our technology instructs the sourcing lab to pick, pack, and ship directly to iSpecimen or our customers instead of discarding as usual.

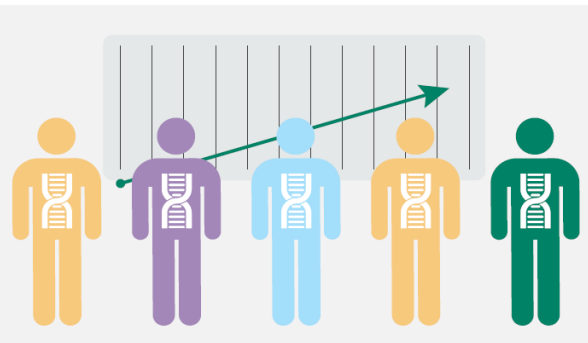
Collections can be made on-demand and we give estimates on collection times as our system captures historical data while it surveys specimen flow. All specimens are procured in accordance with IRB protocols or waivers and consented specimens are available when required by researchers.

The specimens you need from the patients you want.

Because of the volume and diversity of patients in our supplier network, iSpecimen has access to a wide variety of solid tissue and biofluids from patients with specific characteristics that span demographics, diagnoses, medications, and procedures. Our specimens are also selectable based upon more than 10,000 medical tests and results. Researchers can request specimens including blood, plasma, serum, urine, cerebrospinal fluid, stool, solid tissues, and more with extraordinarily specific patient requirements. An example of the level of detail of a search might be EDTA plasma from an Asian female in her mid fifties with a history of high cholesterol, currently on a prescription for Crestor®, and having had a previous history of heart surgery. Simple requests can be made as well, and iSpecimen has access to both normal and disease-state specimens.

Efficiency in time and cost.

The iSpecimen process saves precious time and money associated with the current fragmented methods for procuring human biospecimens. A one-stop approach through the consolidation of dozens of supply sites enabled by technology gives researchers access to millions of diverse specimens yearly, faster than ever before.



Studies using iSpecimen samples include:

- The identification of genetic predictors associated with high risk of kidney disease
- The identification of genetic markers for liver, breast, and other cancer types.
- The exploration and validation of novel diagnostic markers in heart disease.

Contact us for specimens today.

For more information on working with iSpecimen for your customized biospecimen collection needs, please contact us at sales@ispecimen.com or 781-301-6700.

Rapid, customized, and data-rich specimen collections.



Customized specimen collections



Rapid, efficient procurement



High-quality specimens



Richly-annotated specimens



Compliant sourcing



Biofluids, including blood, plasma, serum, urine, CSF, and others



Solids tissue, including FFPE blocks, fresh and frozen tissue, fixed tissue, and slides

