

AccuCell® Human Peripheral Blood Mononuclear Cells (PBMCs)

**Learn More: Biospecimens@PrecisionForMedicine.com
www.PrecisionBiospecimens.com**

Our PBMC product inventory encompasses a large repository of healthy and diseased state cells from donors, each characterized with testing and demographic data to fit your precise needs. We can also help prospectively collect patient specimens according to your assay's specification. Our network of prospective collection sites specializes in providing non-infectious and infectious donor specimens tailored to your requirements.

Quality Guarantee

- >80% lot viability and purity post-thaw
- Same day collection and processing
- Fresh or cryopreserved and stored within the vapor liquid nitrogen phase (<-150°C)
- End-to-end chain of custody
- World-class standards and certifications: CAP, CLIA, IRB, ISO, GxP

Deeply Characterized

- High-resolution HLA, class I and II
- Donor recall available
- Demographics
- Medical history, disease characterization, and outcome data
- Tested for HIV
- IFN-γ responses against PHA, CEF, and CMV stimulants

Cell Subsets

- Monocytes
- NKs
- T cells
- B cells
- PBMCs
- Dendritic cells

Available Services

- Flow cytometry: Up to 35 color panels, ICS, phospho flow, receptor occupancy
- Functional assays (eg, T-cell activation, ADCC, ELISpot, NAb, TAb)
- Leukopaks custom collected to your specifications
- Develop, validate, and implement IHC assays to support early stage through Phase III studies

Example of Donor Lot-Specific Certificate of Analysis*

Data	Example	HLA Class II	DRB1*04:01/04:192
Age	21		DRB1*07:01/07:34
Height	175 cm		DRB4*01:03
Weight	90 kg		DRB4*01:01/03:01N
Gender	Male		DQB1*02:02
Ethnicity	Hispanic		DQB1*03:01
HLA Class I	A*02:01/02:01L	PI	Bw4 is present
	B*15:01	CEF (SFC)	5.1
	B*44:02/44:02S	CMV (SFC)	12 – Low Response
	C*03:03	PHA (SFC)	701 – High Response
	C*05:01		TNTC: Too Numerous to Count. Considered a High Response
Blood Type	Example: A+		

SFC

Spot Forming Cells

No Response

0-10

Low Response

11-50

Medium Response

51-100

High Response

>100

*Additional phenotyping available upon request.

Quality Biospecimens. Superior Science.

The most comprehensive resource of biospecimens and biomarker services for your diagnostic and therapeutic R&D

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MILLION
BIOSPECIMENS
MANAGED

7

LABS
CAP, CLIA,
ISO, & FDA-
REGISTERED

500+

TRIALS
CONDUCTED
FOR IVD, CDX, &
THERAPEUTICS

3

MILLION
PBMIC,
DNA, & RNA
ISOLATIONS

55+

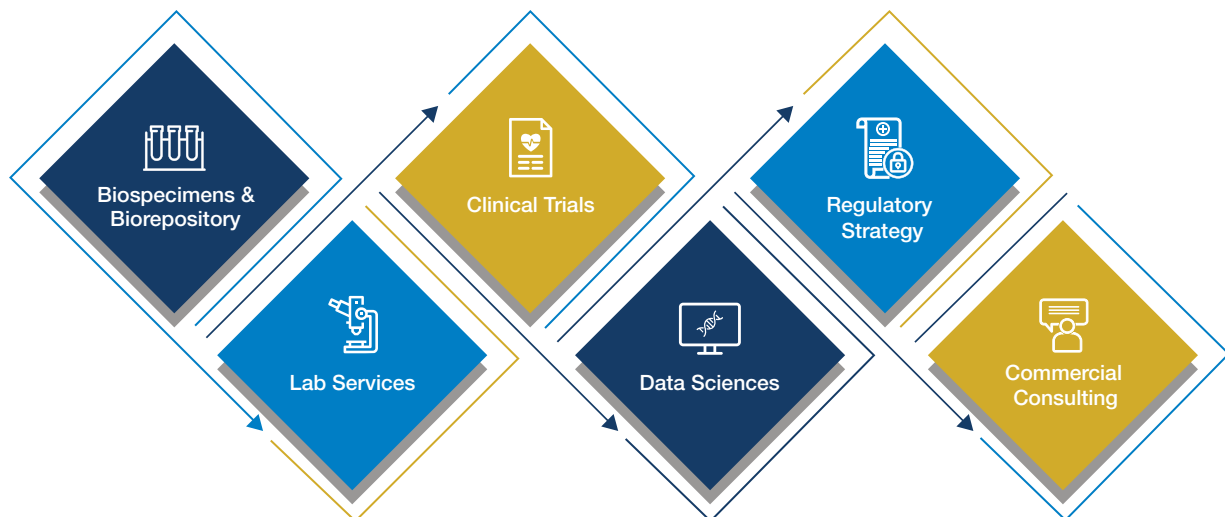
COUNTRIES
WITH REAL-TIME
SAMPLE
PROCESSING

Ask About Our Therapeutic Areas*

■ Oncology	■ Rare & Orphan	■ CNS
■ Metabolic	■ Respiratory	■ Immunology & Rheumatology
■ Gastroenterology	■ Ophthalmology	■ Infectious
■ Reproductive	■ Cardiovascular	■ Dermatology

*Other diseases available upon request.

Other Solutions & Services



For more information about Precision Biospecimen Solutions, email us at Biospecimens@PrecisionForMedicine.com or visit www.PrecisionBiospecimens.com

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Rev. 01

PRECISION
for medicine
shift the curve