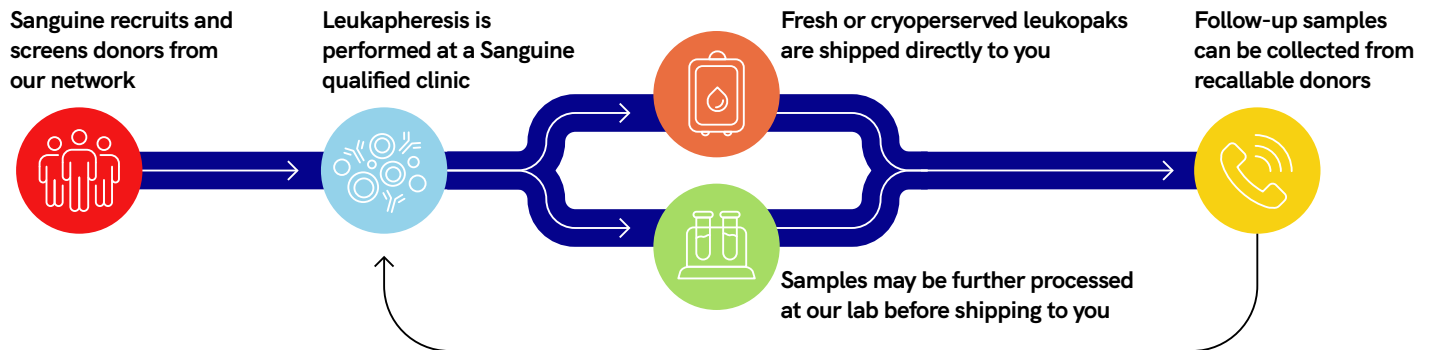


Leukopaks and LeukoLots™ : Healthy and Disease State

Sanguine

High-quality enriched apheresis products and patient data from our extensive network of over 70K research-ready and recallable participants across the United States. Sanguine offers LeukoLots™ which allow screening to ensure the right match for your research.



LeukoLots™ allow you to reserve and screen samples from multiple donors to ensure the right PBMC composition to meet your particular needs before committing to a whole LeukoLot.

Sanguine Leukapheresis Product Offerings

	Full	Half	LeukoLot™
Size	8-10 billion cells	4-5 billion cells	40 vials PBMCs + screening vial
Healthy	✓	✓	✓
Diseased	✓	✓*	✓*
Fresh	✓	✓*	
Cryopreserved	✓	✓	✓

All leukapheresis products are for research use only (RUO)
*Cell number is not guaranteed, dependent on donor condition

Disease-state leukapheresis products



Autoimmune & Inflammatory

Including Crohn's Disease, Lupus, Rheumatoid Arthritis, and Multiple Sclerosis



Metabolic & Endocrinology

Including Diabetes, Hypertension, and Chronic Obstructive Pulmonary Disease (COPD)



Infectious Disease

Including HIV, Hepatitis B, and Hepatitis C

[See our most current list of diseases here](#)





COMPREHENSIVE DONOR DATA

Confidently choose donors with **confirmed disease diagnosis** and **healthy matched controls**:

- Complete blood count
- Infectious disease state
- Electronic medical records (disease-state only)
- Total nucleated cell count
- HLA typing class 1 & 2



RECALLABLE DONORS

Strong relationships with a diverse, nationwide network of **70,000+ donors** and **100+ patient advocacy groups**



CONSISTENCY

Obtain up to **10 billion immune cells** fresh or cryopreserved from one individual in a single donation



QUALITY

Strict adherence to standards and protocols ensures **high cell viability & recovery**, Certificate of analysis (CoA) available*



- Fresh leukopaks can be delivered as fast as same day and always within 24 hours of collection
- Cryopreserved leukopaks are delivered immediately upon collection to our lab
- Cryopreserved leukopaks undergo controlled-rate freezing and stored in LN2

Biorepository and Lab Services



Mononuclear cell isolation (PBMCs, T, B, and/or NK cells)



200+ additional CLIA-certified diagnostic tests



Prospective collection of additional samples from the same donor

Search our network of **70,000+** study participants



Discuss a study design

