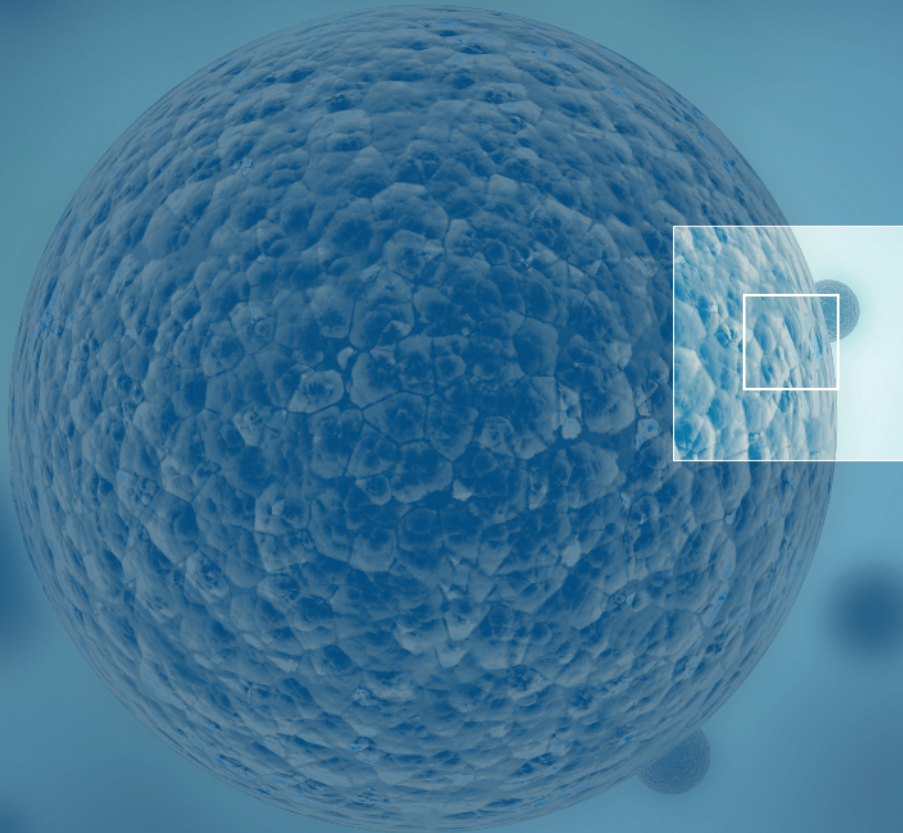


Human Primary Blood Cells



NORMAL HEALTHY HUMAN PBMCs AND CELL SUBSETS

- Cryopreserved using animal protein-free media, containing human serum albumin
- Matched plasma aliquots available for each lot
- Purified monocytes, T cells, and B cells
- Real-time stability testing program demonstrates long shelf life
- Large lot sizes available (up to 12 billion cells from a single donor)
- Available in a variety of sizes
- Custom isolations and aliquot sizes upon request

Our AccuCell® PBMC product inventory encompasses more than 100 unique healthy donors, each characterized with testing and demographic data to fit your precise needs.

- Basic demographics include age, gender, ethnicity, height, and weight
- HLA class I and class II information available
- IFN- γ responses against PHA, CEF, and CMV stimulants
- ADCC testing results available on select lots
- FACS purity analysis for purified subsets
- Tested negative for HIV, HBV, and HCV

AccuCell® products are for research use only.

For more information or lot-specific details, please call **855-222-5010** or visit **buypbmcs.com**.

Thousands of PBMC and subset isolations are performed following stringent SOPs. All donations have IRB-approved informed consent.

Example of donor lot-specific Certificate of Analysis

DATA	EXAMPLE
AGE	21
HEIGHT	175 cm
WEIGHT	90 kg
GENDER	Male
ETHNICITY	Hispanic
HLA CLASS I	A*02:01/02:01L B*15:01 B*44:02/44:02S C*03:03 C*05:01
HLA CLASS II	DRB1*04:01/04:192 DRB1*07:01/07:34 DRB4*01:03 DRB4*01:01/03:01N DQB1*02:02 DQB1*03:01 Bw4 is present
PI	5.1
CEF (SFC)	12 – Low Response
CMV (SFC)	701 – High Response
PHA (SFC)	TNTC: Too Numerous To Count. Considered a High Response

SFC = Spot Forming Cells
No Response = 0-10
Low Response = 11-50
Medium Response = 51-100
High Response = >100

Extensively Characterized PBMCs Available Immediately off the Shelf

>90% AVERAGE LOT VIABILITY AND PURITY POST-THAW

DISEASE STATE PBMCs

Cryopreserved PBMCs from various disease states are available immediately.

- Available in 5 million and 10 million cells/vial
- At least 3 lots in inventory from each disease state
- Matched plasma aliquots available for each lot
- Highly annotated data that include donor demographics, date of diagnosis, and current medications
- HLA class I and class II information available

Inventory of disease state PBMCs includes:



Crohn's disease



Ulcerative colitis



Diabetes type 1



Diabetes type 2



Chronic lymphocytic leukemia (CLL)



Lupus (SLE)



Celiac disease



Psoriasis



Asthma



Rheumatoid arthritis

Activate your research with our custom-curated specimens based on your specific desired donor and cell population.

- Prospectively collect specimens from healthy donors, age-matched donors, or donors with autoimmune disorders, infectious diseases, cancer, and other conditions (HIV, allergies)
- Experience with a wide range of specimen material types (whole blood, cord blood, bone marrow, leukopaks)
- Highly skilled in isolating diverse cell populations (NK, regulatory T [Tregs], CD34+ stem cells, and plasma B cells)

ACCESS TO LEUKOPAKS

Normal healthy

- Full packs available
- 6 billion to 10 billion leukocytes
- Up to 200-300 mL of matched plasma

Disease state

- Half-packs available
- Average 6 billion leukocytes
- Lupus, rheumatoid arthritis, Crohn's disease, celiac disease, ulcerative colitis, diabetes, etc

Leukopaks are characterized by HLA class I and class II typing

All specimens are collected with informed consent and under IRB-approved protocols.

Spend More Time on Research and Less Time Searching for Unique Donors

AccuCell®

Product Description	Concentration (Post-thaw)	Catalog Number
PBMCs: PURIFIED BY DENSITY GRADIENT AND COMPREHENSIVELY CHARACTERIZED	10 MILLION	93000-10M
	50 MILLION	93000-50M
CD14+ MONOCYTES	5 MILLION	84100-1.0
CD4+ T CELLS	5 MILLION	84200-1.0
CD8+ T CELLS	5 MILLION	84300-1.0
CD19+ B CELLS	5 MILLION	84400-1.0
CD3+ PAN-T Cells	5 MILLION	84600-5M
PLASMA FROM WHOLE BLOOD	10 ML	94999
PLASMA FROM LEUKOPAKS	10 ML	93999
CBMCs	5 MILLION	85000-5M
PBMCs: Crohn's Disease	5 MILLION	94110-5M
	10 MILLION	94110-10M
PBMCs: Ulcerative Colitis	5 MILLION	94112-5M
	10 MILLION	94112-10M
PBMCs: Celiac Disease	5 MILLION	94114-5M
	10 MILLION	94114-10M
PBMCs: Chronic Lymphocytic Leukemia (CLL)	5 MILLION	94120-5M
	10 MILLION	94120-10M
PBMCs: HIV-1	5 MILLION	94130-5M
	10 MILLION	94130-10M
PBMCs: HIV-2	5 MILLION	94132-5M
	10 MILLION	94132-10M
PBMCs: HIV Treatment-Naïve	5 MILLION	94134-5M
	10 MILLION	94134-10M
PBMCs: Lupus	5 MILLION	94140-5M
	10 MILLION	94140-10M
PBMCs: Psoriasis	5 MILLION	94150-5M
	10 MILLION	94150-10M
PBMCs: Diabetes Type 1	5 MILLION	94160-5M
	10 MILLION	94160-10M
PBMCs: Diabetes Type 2	5 MILLION	94162-5M
	10 MILLION	94162-10M
PBMCs: Rheumatoid Arthritis	5 MILLION	94170-5M
	10 MILLION	94170-10M
PBMCs: COPD	5 MILLION	94180-5M
	10 MILLION	94180-10M
PBMCs: Asthma	5 MILLION	94182-5M
	10 MILLION	94182-10M

For more information on our human cellular products,
please contact us at buypbmcs@precisionformedicine.com,
call 855-222-5010, or visit buypbmcs.com.