

ACCUCELL[®] HUMAN PRIMARY BLOOD CELLS

Spend less time searching for unique donors

Activate your research with our large inventory of extensively characterized, cryopreserved PBMCs. These cells are ready for immediate delivery—or let us custom curate specimens based on your specific donor and cell population.

Our product inventory encompasses more than 100 unique, healthy HLA-typed donor lots, each characterized by IFN- γ ELISpot, cell proliferation, viral testing, and donor demographic data. Our PBMCs are cryopreserved using animal-free media and have confirmed post-thaw viability of at least 80% and typically exceeding 90%.

Healthy human PBMCs and subsets

- Large lots of 6 billion to 10 billion cells per donor
- Available in 10 million or 50 million cells per vial
- Each lot is characterized to fit your precise needs:
 - HLA class I and class II information
 - IFN- γ ELISpot responses against PHA, CEF, and CMV stimulants
 - MTT-based proliferation index
 - ADCC testing results for select lots
 - Tested negative for HIV, HBV, and HCV
 - FACS purity analysis for purified PBMC subsets
- Our highly purified subsets include monocytes, NK cells, T cells, and B cells

Disease state PBMCs

- Available in 5 million or 10 million cells per vial
- A minimum of 3 lots in inventory from each disease state
- Various disease states, such as autoimmune disorders, infectious diseases, and cancers
- Basic demographics include date of diagnosis and donor's current medications

- All PBMCs and subsets include basic donor demographics such as age, gender, and ethnicity
- Matched plasma aliquots available for healthy and disease state cells

Healthy and disease state leukopaks

We provide leukapheresis-derived products from both healthy and diseased donors obtained from our network of IRB-approved collection sites. Each leukopak has roughly 6 to 10 billion leukocytes and up to 200 to 300 mL of matched plasma from a single healthy donor.

Donors with various disease states, including lupus, rheumatoid arthritis, Crohn's disease, celiac disease, ulcerative colitis, diabetes, and other autoimmune disorders, are readily available. The disease state half-packs average 6 billion cells, which is equivalent to 20 units of fresh blood.

Both healthy and disease state leukopaks are characterized by HLA class I and class II typing.

Custom collections and isolations

Precision for Medicine is highly experienced in isolating cell populations, such as NK and regulatory T cells, from a wide range of specimen material types, including leukopaks, whole blood, and cord blood. These can be further characterized by high-resolution HLA typing as well as immunophenotyping.

Upon request, we can prospectively collect age-matched sample sets and case-matched control donors, as well as donors with a variety of medical conditions. All specimens are collected through our network of procurement centers and hospitals with informed consent using IRB-approved protocols.

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Let us custom curate specimens based on your specific donor and cell population

AccuCell® products are for research use only.

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



THE FUTURE OF MEDICINE IS PRECISION