

LEUKOMAX® Leukopaks

Research and GMP Grade

BioIVT offers research grade LEUKOMAX and GMP grade VivoSTART leukopak units from normal and disease state human donors collected at our donor centers under IRB-approved regimens.



With our global network of donor centers, your research doesn't have to wait!

- Customize your collection with peripheral blood mononuclear cell (PBMC) or immune cell subset isolations
- Our VivoSTART GMP-grade leukopaks are collected in BioIVT-owned, GMP-compliant facilities adhering to 21 CFR 1271. For more details, see our VivoSTART Leukopak Product Guide
- Donor demographic information available, including:
 - Age
 - HLA-type
 - Ethnicity
 - Gender
 - Smoking status
 - Medications & surgical history

Over 600 HLA-typed recallable donors who have donated in the past 6 months, with over 250 being HLA 0201.

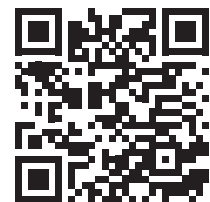
Available in Cryopreserved Formats

Leukopak Size	Total Number of PBMCs*	Fresh	Cryopreserved
Quarter Pak	1-2 Billion	HUMANLMX25-0001127	HUMANLMX25-0001124
Half Pak	3-4 Billion	HUMANLMX50-0001128	HUMANLMX50-0001125
Full Pak	6-8 Billion	HUMANLMX100-0001129	HUMANLMX100-0001981
Screening Pak A	500 Million	HUMANLMX500M-0103521	N/A
Screening Pak B	1 Billion	HUMANLMX1B-0002706	N/A

Cell Type	Percentage per Leukopak*
T Cells	57%, range 45-60%
Monocytes	20%, range 10-30%
B Cells	10%, range 5-15%
NK Cells	7.5%, range 5-10%
Granulocytes	5.2%, range 0.6%-10%
CD34+ Stem Cells	0.3%, range 0.1-0.5%

* Values estimated

**Your
Complete Cell &
Gene Therapy
Starting Material
Provider**



Maximize your cell count with mobilized leukopaks

Mobilized LEUKOMAX® leukopak units provide a rich source of CD34+ hematopoietic stem cells compared to traditional leukopaks. Donors are prepped with:

- Granulocyte-colony stimulating factor (G-CSF), also known as Neupogen®, FDA approved
- Plerixafor, also known as Mozobil®

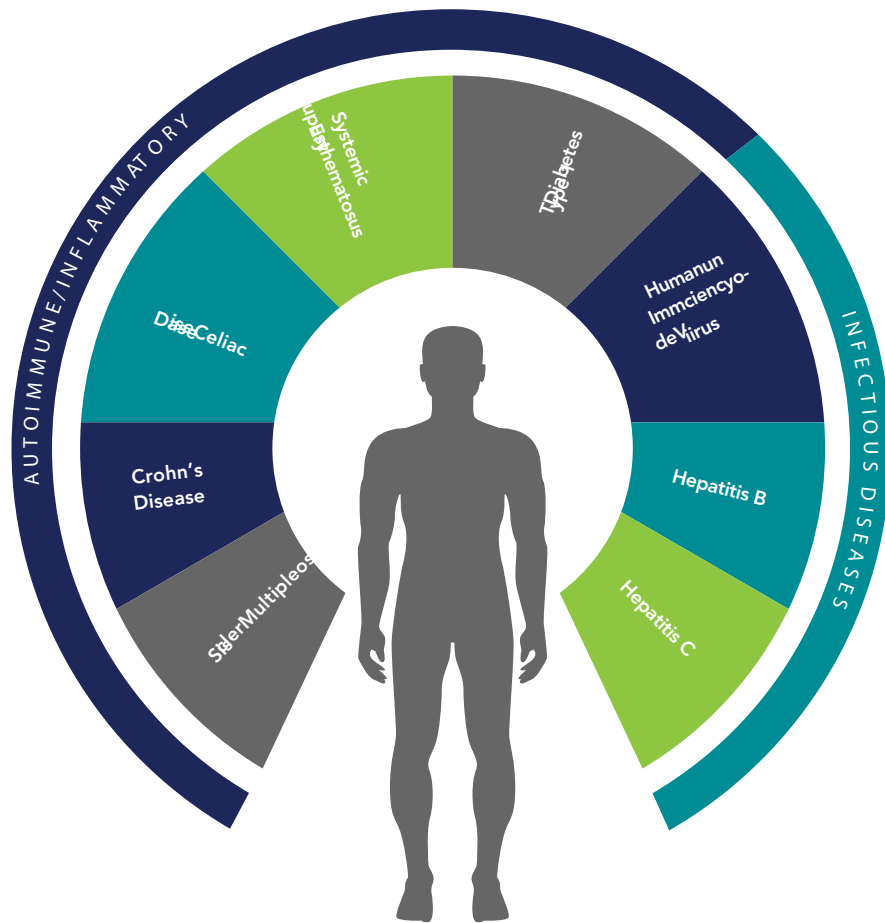
Description	Average* WBC Yield	Average* CD34+ Yield	Days						
			1	2	3	4	5	6	
Mozobil X1 Collect Day 2	2.5 x 10 ¹⁰	1.2 - 2.5 x 10 ⁸	Mozobil	Collect					
Mozobil X2 Collect Days 2 & 3	5 x 10 ¹⁰	2.5 - 5 x 10 ⁸	Mozobil	Mozobil Collect	Collect				
Neupogen X5 Mozobil X2 Collect Days 5 & 6	9 x 10 ¹⁰	4.5 - 9 x 10 ⁸	Neupogen	Neupogen	Neupogen	Neupogen Mozobil	Neupogen Mozobil	Collect	
Neupogen X5 Mozobil X1 Collect Days 5 & 6	8 x 10 ¹⁰	4 - 8 x 10 ⁸	Neupogen	Neupogen	Neupogen	Neupogen Mozobil	Neupogen Collect	Collect	
Neupogen X5 Days 5 & 6	7 x 10 ¹⁰	3.5 - 7 x 10 ⁸	Neupogen	Neupogen	Neupogen	Neupogen	Neupogen Collect	Collect	

* Values estimated

Disease State Leukopaks

Want to get closer to the real-world starting material? BioIVT offers disease state leukopaks from select indications.

- Physician confirmed diagnosis
- Disease progressions, treatment history and co-morbidities
- Recallable donors
- Quarter and Half Leukopak volumes available



Disease State Leukopak Availability

For more information on BioIVT's donor screening, viral testing, and collection processes, visit our leukapheresis collections page