

Mobilized Leukopaks

WITH HIGH CD34+ CONTENT FOR YOUR RESEARCH NEEDS



Mobilized Leukopak

Mobilized Leukopaks are apheresis products collected from healthy donors treated with different FDA-approved drugs to stimulate mobilization of CD34+ hematopoietic stem and progenitor cells (HSPCs) from the bone marrow to the peripheral blood. This procedure results in large-scale yields of single-donor CD34+ HSPCs, allowing for scalability and reproducibility of experiments by limiting the impact of donor-to-donor variability.

AllCells offers a variety of Mobilized Leukopak regimens. These include: G-CSF (Neupogen®), plerixafor (Mozobil®), or a combination G-CSF with plerixafor through IRB-approved protocols. AllCells has the shortest lead times in the industry, capable of delivering Mobilized Leukopak products to researchers exactly when they need them. AllCells' rigorous processes and robust quality control ensure maximum yield of single-donor cryopreserved CD34+ cells, ensuring sufficient cell counts for your workflow while minimizing experimental variability. Our reliable inventory of CD34+ vials provides the end-user with 4 regimen options to choose from.

Standard and sequential isolation methods are also available for clients that save time and deliver consistent quality with high viability and product yield. Full Mobilized Leukopak bulk isolations enable clients to focus on other projects, obtain donor-matched samples, create client-dedicated cell banks, or collect multiple cell types from a single donor.

WHOLE MOBILIZED LEUKOPAK PORTFOLIO

PRODUCT	REGIMEN DETAILS	FRESH	CRYOPRESERVED
mLP Reg F	Neupogen x 5 days	1 Pak, 2 Pak	—
mLP Reg H	Neupogen x 5 days, + Mozobil x 2 days	1 Pak, 2 Pak	—
mLP Moz A (Mozobil)	Mozobil x 1 day (11 hrs between injection and collection, 1 collection)	1 Pak	—
mLP Moz B (Mozobil)	Mozobil x 2 days (11 hrs between injection and collection, 2 collections)	2 Paks	—

MOBILIZED LEUKOPAK ISOLATED CELLS PORTFOLIO

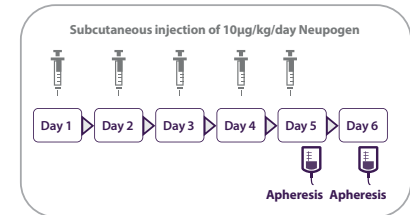
MOBILIZED CELL TYPES	STANDARD ALIQUOTS (x10^6)
CD34+	25, 10, 5, 1
CD3+ Pan T	25
CD4+ Helper T	25
CD8+ Cytotoxic T	10
CD56+ NK	5
CD19+ B	10
CD14+ Monocytes	50
Custom*	Custom*

*Custom isolations and aliquots are available

Mobilized Leukopak Regimens

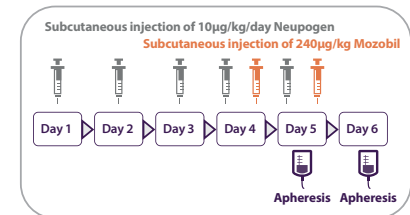
Reg F: Filgrastim (Neupogen) 10ug/kg/day x 5 days, apheresis on day 5 and 6

Reg F



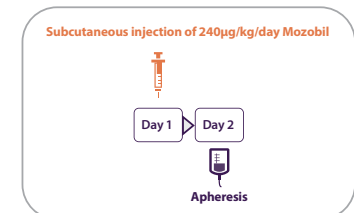
Reg H: Filgrastim (Neupogen) 10ug/kg/day x 5 days + Mozobil 240ug/kg/day x 2 days on day 4 and 5 (evenings), apheresis on day 5 and 6

Reg H



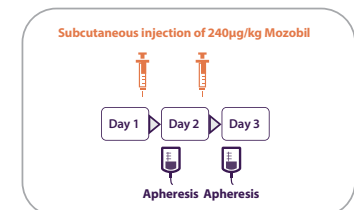
Moz A: Plerixafor (Mozobil) 240ug/kg/day x 1 day (evening), apheresis day 2 (morning); 11 hours between injection and collection

Moz A



Moz B: Plerixafor (Mozobil) 240ug/kg/day x 2 days (evenings), apheresis on day 2 and 3 (mornings); 11 hours between injection and collection

Moz B



Mobilized Leukopak



WHY SHOULD I PURCHASE A 2ND MOBILIZED LEUKOPAK?

Two apheresis collections are performed per donor based on standard protocols for RegH and Reg F. Advantages to purchasing both apheresis collections from a single donor includes:

- Decreased donor-to-donor variation in the starting cell population
- Maximized yields of CD34+ HSPCs from a single-source donor allows for scalability and reproducibility of experiments
- Utilizing the same cell source for multiple experiments enables direct comparisons to past data

ENHANCED RELIABILITY - RISK MITIGATION PROGRAM

The timely delivery of Mobilized Leukopaks is a critical component of your biomedical research. To ensure your project timeline, AllCells offers an enhanced reliability program to mitigate the risk associated with donor deferrals for your RUO Mobilized Leukopak order. Donor deferral, albeit it a rare occurrence, is a risk that could cause a major disruption in your workflow and inflate the financial costs. **Contact us today at orders@allcells.com or 510.726.2700 to learn more and/or get a quote.**

Interested in GMP-compliant Mobilized Leukopaks? Contact us or visit our website to learn more.

Mobilization Regimens	mLP Reg F: Neupogen x 5 days mLP Reg H: Neupogen x 5 days, + Mozobil x 2 days
Lead Time	Approximately 8 weeks
Donor Attributes	Certain limited attributes are excluded from this program
Program Cost	35-50% of the full Regimen price depending on purchase volume



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