stemexpress®

FROZEN LEUKOPAKS

Avoid delays, improve efficiency, and confidently move forward with your research - *on your schedule*

StemExpress Frozen Leukopaks

Time is of the essence when it comes to your experiments. Viable source material is crucial to the success of your projects, meaning delays and logistical issues can not only be costly, but they can compromise downstream project success. StemExpress frozen Leukopaks allow you to keep the high-quality cells you need on hand – ready to thaw and use exactly when you need them. Our Leukopaks are expertly cryopreserved shortly after apheresis to maintain cell quality and mitigate cell death that occurs after 24 hours of the donor collection.

- ✓ Donors follow FDA 21 CFR 1271 guidelines
- ✓ Average cell viability 96.33% post-thaw as compared to 97.56% for a fresh Leukopak
- ✓ Customizable donor selection process, infectious disease screening and timepoints
- ✓ Customizable bag sizes and cell concentrations available to fit your process

StemExpress, LLC | www.stemexpress.com
530-303-3828

Cryopreserved Leukopaks

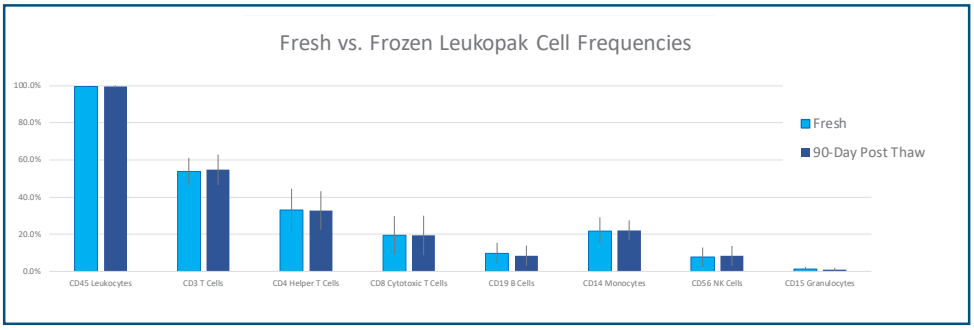
Cell-rich Leukopaks are collected from IRB consented donors using the Spectra Optia® Apheresis System at our FDA-registered Stem Cell Collection Center. Frozen Leukopaks are cryopreserved the day of collection to ensure the highest quality product.

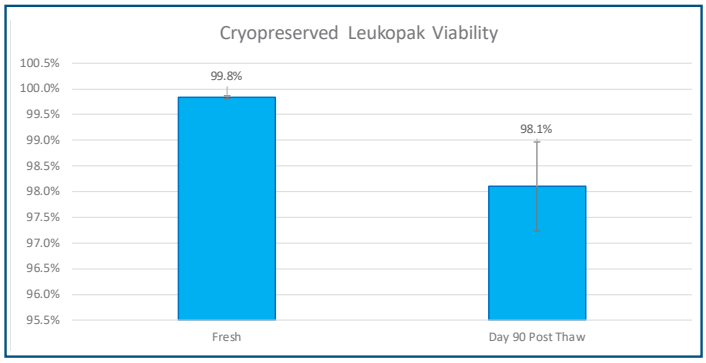
- ✓ 1x10e10 TNCs/full bag (prior to cryopreservation)
- ✓ ≥95% viability (prior to cryopreservation)
- ✓ Highly-enriched source of PBMCs
- ✓ Low granulocyte
- ✓ Low hematocrit
- ✓ HBV, HCV, HIV negative

Benefits

Our frozen Leukopaks reduce time constraint barriers and improve efficiency & logistics.

- Preserves cell viability during global shipping
- Provides convenience in the timing of experiments
- Allows future access to same lot samples for additional studies
- Ideal for developing intra- and inter-laboratory proficiency testing in clinical trials





Customization

We provide customizable options to ensure you receive the Leukopak you need, when you need it.

- Recallable donors
- Donor demographics & lifestyle characteristics
- Medical history
- HLA, RhD, and ABO typing available
- Additional infectious disease screening
- Collection scheduling
- Collection protocols, such as half fresh and half frozen

Leukopak Product list

Part Code	Description	Format	Size	Container
LE002.5C	Peripheral Blood 1/4 Leukopak	Cryopreserve	2.5 x 10E9	1 Bag
LE002.5F	Peripheral Blood 1/4 Leukopak	Fresh	2.5 x 10E9	1 Bag
LE005C	Peripheral Blood 1/2 Leukopak	Cryopreserve	5.0 x 10E9	1 Bag
LE005F	Peripheral Blood 1/2 Leukopak	Fresh	5.0 x 10E9	1 Bag
LE010C	Peripheral Blood Full Leukopak	Cryopreserve	1.0 x 10E10	1 Bag
LE010F	Peripheral Blood Full Leukopak	Fresh	1.0 x 10E10	1 Bag
CUSLPC01	Custom Leukopak Collection	Fresh or Cryopreserved	Custom	Custom

ORDERING & SHIPPING
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