

Cryopreserved Human Leukopaks

Elevate Your Immunology Research

Cryopreserved leukopaks are collected by apheresis of normal human donors from an IRB-approved collection facility. Leukopaks contain higher concentrations of mononuclear cells, B cells, T cells, stem/progenitor cells, dendritic cells, and other cell types as compared to standard venipuncture collection methods or buffy coat products.

Cryopreserved leukopaks can be stored and thawed as needed allowing you to plan research around your schedule. With a guaranteed cryopreserved supply, there is no risk of donor cancellations delaying or impacting your work.

Selection

Cryopreserved leukopaks are collected from a pool of more than 2,500 recallable donors. Each donor is annotated to include the following characterizations: HLA typing via 6-digit NGS.

- CMV
- Demographic characteristics (age, sex, tobacco use)
- HIV
- HBV
- HCV
- Custom characterization using multi-omic analytical capabilities

Quality

Reduce logistical complexity without compromising quality

- Cryopreserved leukopaks are cryopreserved shortly after collection, using the cryopreservation solution CryoStor[®] and controlled-rate freezing
- Cryopreserved leukopaks have ~95% viability upon thaw when the recommended thawing practices are used
- Cryopreserved leukopaks are simple to order and ready to ship
- All tissue is obtained using IRB approved informed consent forms and protocols
- QC flow cytometry reports are available upon request

Customizable

Cryopreserved leukopaks are fully customizable to fit your unique research needs. Customization options can include any of the following:

- Single donor collection splitting (i.e. 4 × 2.5B bags or 2 × 5.0B bags)
- Customized flow cytometry testing (i.e. CD3, CD45, CD34, etc.)
- Corresponding sentinel/sample vials provided with each isolation
- Special donor testing (i.e. COVID-19)
- Additional options may be available upon request

Ordering information:

Catalog No.	Description
260240.01	9.5 Billion Cell Cryo Leukopak
260260.01	5 Billion Cell Cryo Leukopak
260280.01	2.5 Billion Cell Cryo Leukopak

Custom sizes and formats are available upon request

More information

Additional product information including instructions, protocols, and recommended culture media is available on our website:

www.lonza.com/cellbioservices

For direct assistance contact our scientific support team.

cellbioservices@lonza.com

Contact us

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