

# 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 multiomic 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](http://www.lonza.com/cellbioservices)

For direct assistance contact our scientific support team. [cellbioservices@lonza.com](mailto:cellbioservices@lonza.com)

## Contact us

### North America

Customer Service: +1 800 638 8174 (toll free)  
[order.us@lonza.com](mailto:order.us@lonza.com)  
Scientific Support: +1 800 521 0390 (toll free)  
[scientific.support@lonza.com](mailto:scientific.support@lonza.com)

### Europe

Customer Service: +32 87 321 611  
[order.europe@lonza.com](mailto:order.europe@lonza.com)  
Scientific Support: +49 221 99199 400  
[scientific.support.eu@lonza.com](mailto:scientific.support.eu@lonza.com)

### International

Contact your local Lonza distributor  
Customer Service: +1 301 898 7025  
[scientific.support@lonza.com](mailto:scientific.support@lonza.com)

Lonza Walkersville, Inc. – Walkersville, MD 21793

Learn more.



For research use only. Not for use in diagnostic procedures. CryoStor is a registered trademark of BioLife Solutions, Inc. All trademarks belong to Lonza, registered in USA, EU or CH or to third party owners and used only for informational purposes. The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information and no warranty is expressed or implied concerning the use of these products. The buyer assumes all risks of use and/or handling. Any user must make his own determination and satisfy himself that the products supplied by Lonza Group Ltd or its affiliates and the information and recommendations given by Lonza Group Ltd or its affiliates are (i) suitable for intended process or purpose, (ii) in compliance with environmental, health and safety regulations, and (iii) will not infringe any third party's intellectual property rights. The user bears the sole responsibility for determining the existence of any such third party rights, as well as obtaining any necessary licenses. For more details: [www.lonza.com/legal](http://www.lonza.com/legal).

©2025 Lonza. All right reserved.

CD-TS113 10/25

[bioscience.lonza.com](http://bioscience.lonza.com)  
[lonza.com/cellbioservices](http://lonza.com/cellbioservices)