

## Cryopreserved Product

### Peripheral Blood Leukopak<sup>®</sup>

|          |          |                                    |
|----------|----------|------------------------------------|
| Catalog# | LE010C   | 1.0x10 <sup>10</sup> million cells |
|          | LE005C   | 5.0x10 <sup>9</sup> million cells  |
|          | LE002.5C | 2.5x10 <sup>9</sup> million cells  |

## Product Description

Human peripheral blood Leukopaks<sup>®</sup> are collected using Spectra Optia<sup>®</sup> Apheresis System from healthy donors.

Cells were obtained using Institutional Review Board (IRB) approved consent forms and protocols.

## Cryopreservation

Cryopreserved products allow for prolonged storage before use. All cryopreserved products are stored in containers designed and tested for ultra-low temperatures at long time intervals. We normally ship cryopreserved items on dry ice, but can also use a cryoshipper at the customer's request.

## Sample Collection and Processing

All samples are collected on-site at our Stem Cell Collection Center. Apheresis donors are transfused with ACD-A during the collection process. Leukopaks are carefully frozen in a medium containing the cryoprotective agent CryoStor<sup>™</sup> CS10 (10% DMSO) using a controlled rate freezer to ensure maximum viability.

Infectious disease testing for HIV, HBV, and HCV is performed on a sample of donor blood. Only samples with negative results within 90 days of collection are shipped unless approved by the customer. All testing is performed by a CLIA-certified lab.

## Format

Leukopaks are frozen in CryoStor<sup>™</sup> CS10 (10% DMSO) using a controlled rate freezer.

## Storage

Cryopreserved Leukopaks are warranted for one week from the time of freezing if stored at -135°C or colder and shipped using a LN2 cryoshipper. If shipped using dry ice, the Leukopak should be thawed upon arrival. Temporary storage of 1-2 days at -80°C should maintain cell viability but is not covered by the warranty.

## Thawing Instructions for Cell Products

Refer to our "Human Peripheral Blood Leukopak<sup>®</sup> Thawing Protocol" under our Frequently Asked Questions at [stemexpress.com/faqs/](http://stemexpress.com/faqs/) to access our online Thawing Protocol.

## Warning

This product contains human tissue or other biological material and MUST be handled at Biosafety Level 2 or higher. All biological products should be treated as potentially infectious or contaminated material, even if infectious disease screening reports are negative. Follow universal precautions and wear appropriate personal protective equipment.

## Product Warranty

For our product warranty, please review our Terms and Conditions at [stemexpress.com/terms-and-conditions/](http://stemexpress.com/terms-and-conditions/).

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