

# Primary Cells

## COVID Convalescent LRS Cone, Fresh



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Catalog # 200-0142 1 Cone

## Product Description

Leukocyte reduction system (LRS) cones are used during the collection of leukapheresis products to reduce the leukocyte count from human blood collections. These products collect the leukocytes—which can then be further processed using cell separation products such as EasySep™ cell isolation kits—to purify cell populations for study. The cells in this product have been collected from convalescent COVID-19 donors with a confirmed diagnosis using Institutional Review Board (IRB)-approved consent forms and protocols.

**Donor Status:** COVID-19 Convalescent

**Characterization Criteria:** Donor virus testing, age, sex, ethnicity, weight, height, smoking status, date of COVID-19 diagnosis, other information

**Format:** Cells are shipped fresh in the LRS cone used during apheresis.

**Anticoagulant:** Acid-citrate-dextrose solution A

For donor details, refer to the lot-specific Certificate of Analysis.

## Stability and Storage

Product is shipped at ambient temperature and should be used or processed immediately upon receipt.

## Precautions

**Donor Screening:** Donors are screened for HIV-1, HIV-2, hepatitis B, and hepatitis C.

If the donor has been screened within 90 days of donation the product will be shipped with negative test results from donor screening.

If the donor has not been screened within 90 days of collection, a test sample will be taken at the time of donation and the product will be shipped before the screening results are available. In the unlikely event that a test result is positive, the customer will be contacted as soon as possible (usually within 4 - 7 business days from the time of shipment).

Donors have been tested and found to be negative for HIV-1, HIV-2, hepatitis B, and hepatitis C prior to donation. As testing cannot completely guarantee that the donor was virus-free, THIS PRODUCT SHOULD BE TREATED AS POTENTIALLY INFECTIOUS and only used following appropriate handling precautions such as those described in biological safety level 2. When handling this product, do not use sharps such as needles and syringes.

STEMCELL cannot guarantee the biological function or any other properties associated with performance of cells in a researcher's individual assay or culture systems. STEMCELL assures the cells will meet the specifications only when assessed, before washing, by our test methods.

FOR IN VITRO RESEARCH USE ONLY. NOT APPROVED FOR DIAGNOSTIC, THERAPEUTIC, OR CLINICAL APPLICATIONS. NOT APPROVED FOR HUMAN OR VETERINARY USE IN VIVO.

## Handling / Directions for Use

Immediate processing of the LRS cone upon arrival is recommended, as follows:

Flush LRS cone sample from the chamber into a 50 mL conical tube (e.g. Catalog #38010) using phosphate-buffered saline (PBS) containing 2% fetal bovine serum (FBS). Centrifuge at 800 x g for 10 minutes, then remove and discard supernatant. Add 10 mL of desired medium to resuspend the cell pellet.

## Tips

For a protocol on performing total nucleated cell counts using a hemocytometer, refer to <https://www.stemcell.com/how-to-count-cells-with-a-hemocytometer>.

## Accessory Products

PRODUCT NAME	CATALOG #
Trypan Blue	07050
3% Acetic Acid with Methylene Blue	07060
Ammonium Chloride Solution	07800
Lymphoprep™	07801

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