



Established in 1975 and located in Houston, Texas, Gulf Coast Regional Blood Center is a leading supplier of blood, blood components and related services to clients not only in the Texas Gulf Coast region, but worldwide. We offer an extensive range of products and services to fulfill a variety of client needs.

**Gulf Coast Regional Blood Center**  
www.giveblood.org  
1 (888) 482-5663  
*Commit for Life.*

giveblood.org/client

# Research Products

Along with meeting the transfusion needs of its community, Gulf Coast Regional Blood Center provides blood products (normal and disease-specific) for in-vitro biomedical research, evaluation or study. These products are designated "For Research Only" and are not for transfusion.



## Buffy Coat (Source Leukocytes):

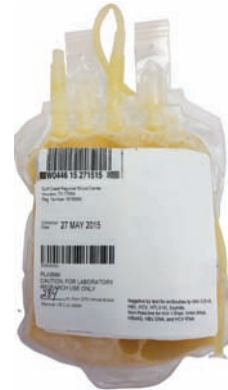
White blood cell concentrate prepared by centrifugation of a unit of CPD-anticoagulated whole blood. Product contains mononuclear cells and neutrophils as well as smaller numbers of contaminating red blood cells, plasma and platelets. Cell counts, HLA typing and QC testing are not performed on buffy coat leukocytes, and leukocyte content is not quantitated. Volume 25 – 76 mL.

Source leukocytes are released prior to performance of infectious disease testing, unless it is specified that such testing is to be completed prior to release.

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## Plasma:

Plasma separated by centrifugation from CPD-anticoagulated whole blood. The separated plasma is then either frozen at -18C within 24 hours of collection (frozen plasma) or refrigerated at 1-6C (liquid plasma). Standard units contain a minimum volume of 180 mL.



Frozen Plasma



Liquid Plasma



## Whole Blood:

Collected in CPD, and stored at 1 to 6C or room temperature (25C). Standard units contain a minimum volume 150 mL. Available units are either insufficient quantity for transfusion or greater than 42 days old.

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## Red Blood Cells, Leukoreduced:

Red blood cells prepared by centrifugation of CPD-anticoagulated whole blood, removing as much plasma as possible. ADSOL red cell preservative solution (AS-1) is added, and the units are filtered through a leukocyte-reduction filter. Standard units contain a minimum volume of 150 mL. Available units are greater than 42 days old.



## Platelet Products:

Platelet concentrates prepared from units of CPD-anticoagulated whole blood (whole blood-derived platelets) or by apheresis collection (apheresis platelets). Apheresis platelets are leukocyte-reduced, greater than five days old and frozen. Approximate volume is 50 mL for whole blood-derived platelets and 300 mL for apheresis platelets.



Apheresis Platelets



Whole Blood-Derived Platelets

## Product Selections by Special Request (additional fees apply):

- ABO specific
- Gender specific
- CMV (negative or positive)

Contact us at (713) 791-6283 or [buffycoatorder@giveblood.org](mailto:buffycoatorder@giveblood.org) for research product orders and questions.

Serum and EDTA repository specimens and CPD pedigree plasma units for research or further manufacture are available in small or large quantities. Specimen collection with other additives such as heparin can be arranged. Specimens can be coded or unlinked, random or negative, and are collected from a normal donor population. Positive marker specimens for Hepatitis B, Hepatitis C, HIV, Syphilis, HTLV-I/II, West Nile virus and Chagas disease are also available. Orders are routinely customized to meet client needs. For information on these items, contact our Donor Services department at (713) 791-6608.