The American Red Cross is proud to offer an extensive suite of products and services, enhanced by our clinical experience and educational programs, to support your hospital’s routine and complex patient needs.

Our vast network of laboratories and collection, manufacturing and distribution sites work in sync to deliver valued service to our hospital partners.

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**BLOOD PRODUCTS FOR TRANSFUSION**

**Red Blood Cells (Leukoreduced)**
- Antigen negative
- CMV negative
- Deglycerolized
- Frozen
- Irradiated
- Pediatric:
  - 5 day fresh
  - AS-1, AS-3, or CPDA-1
  - 4 or 6 bag attached sets
- Washed

**Low Titer Group O Whole Blood (LTOWB)**
- Cold stored, leukoreduced, platelet-sparing, low titer (1:200)

**Platelets (Apheresis platelet, leukoreduced, platelet additive solution (PAS))**
- Crossmatch compatible
- HLA selected
- HPA (PLA) Antigen negative
- Large Volume Delayed Sampling (LVDS-36 hour)
  - LVDS irradiated
  - LVDS CMV negative
- Pathogen reduced

**Plasma**
- Frozen
  - Apheresis derived (PF24RT24)
  - Cryoprecipitate reduced
  - IgA deficient
  - Whole blood derived (FP)
- Liquid
- Pediatric
  - Fresh Frozen Plasma (FFP), divided set of three

**Cryoprecipitated AHF**
- 5 unit, ABO identical pools
- Single unit
LABORATORY SERVICES

**Immunohematology Reference Services**
- Patient testing including red blood cell antibody identification, autoantibody evaluations, ABO discrepancy investigations, antigen typing
- Transfusion reaction investigations
- American Rare Donor Program
- Monocyte Monolayer Assay (MMA)
- IgA status and anti-IgA detection
- Technical and consultative services

**Histocompatibility Services**
- Transfusion and hematopoietic stem cell transplant support
- HLA antibody screen and HLA antibody identification (Class I and/or Class II)
- HLA Low resolution typing by SSO or SSP
- HLA High resolution typing by SBT or NGS
- T and B cell crossmatch
- Engraftment monitoring with or without lineage specific subsets
- KIR genotyping
- Presumptive molecular testing for ABO
- Disease Association/Drug Sensitivity
- Clinical trials and research testing
- COVID assay
- Relationship testing
- Solid organ transplant support

**Molecular Blood Group and Platelet Genotyping**
- Human Erythrocyte Antigen (HEA) panel
- Identification of D variants including weak, partial and Del
- Identification of C, c, E, e variants including V, VS, hr<sup>B</sup> and hr<sup>S</sup> status

**Platelet Serology**
- Assistance in diagnosis of thrombocytopenia due to Autoimmune Idiopathic Thrombocytopenic Purpura (AITP), Neonatal Alloimmune Thrombocytopenia (NAIT), Posttransfusion Purpura (PTP)
- Platelet crossmatching
- Platelet antibody detection and identification
- Identification of drug induced thrombocytopenia

**Neutrophil Testing**
- Neutrophil Antibody Identification: Granulocyte Agglutination Test (GAT) and Granulocyte Immunofluorescence Test (GIFT)
- Monoclonal Antibody Immobilization of Neutrophil Antigens (MAINA)
- Neutrophil crossmatch
- Neutrophil genotyping (SSP-PCR) and antigen phenotyping
- HLA antibody screen and HLA antibody identification Class I and/or Class II
- Transfusion Related Acute Lung Injury (TRALI) Investigation (Donor and Recipient)
- Alloimmune Neonatal Neutropenia (ANN)
- Autoimmune Neutropenia (AIN)
- Drug dependent neutrophil antibody screen
CLINICAL APHERESIS SOLUTIONS

Therapeutic Apheresis Services
- Plasmapheresis (plasma exchange)
- Erythrocytapheresis (red blood cell exchange)
- Leukocytapheresis (white cell reduction)
- Thrombocytapheresis (platelet reduction)
- Extracorporeal Photopheresis (ECP)
- Low Density Lipoprotein (LDL) Apheresis
- Therapeutic phlebotomy (red cell reduction)

Stem Cell Collection and Processing
- Processing, freezing, and shipping of hematopoietic progenitor cells
- Short and long-term storage of hematopoietic progenitor cells
- Quality control testing

Perioperative Autologous Cell Salvage

CELL AND GENE THERAPY SOLUTIONS
- Leukopaks (allogeneic)
- Autologous Mononuclear Cell Collection services
- BioPharma contract manufacturing
- Buffy coats

VALUE ADDED SERVICES
- SUCCESS® Hospital Education Program
- Connect Hospital Order Management Solution
- Guided Onboarding Program
- Tailored Hospital Business Reviews
- Comprehensive Hospital Partner Resource Guide

For information on all available products and services, visit RedCrossBlood.org.
Mission

The American Red Cross prevents and alleviates human suffering in the face of emergencies by mobilizing the power of volunteers and the generosity of donors.