

CENTERS FOR MEDICARE & MEDICAID SERVICES  
 CLINICAL LABORATORY IMPROVEMENT AMENDMENTS  
 CERTIFICATE OF ACCREDITATION

LABORATORY NAME AND ADDRESS  
 BLOOD CTNS OF THE PACIFIC/IRWIN CENTER  
 270 MASONIC AVENUE  
 SAN FRANCISCO, CA 94118-4417

LABORATORY DIRECTOR  
 NORA V HIRSCHLER MD

CLIA ID NUMBER  
 05D0693508

EFFECTIVE DATE  
 10/20/2010

EXPIRATION DATE  
 10/19/2012

Pursuant to Section 353 of the Public Health Services Act (42 U.S.C. 263a) as revised by the Clinical Laboratory Improvement Amendments (CLIA), the above named laboratory located at the address shown hereon (and other approved locations) may accept human specimens for the purposes of performing laboratory examinations or procedures. This certificate shall be valid until the expiration date above, but is subject to revocation, suspension, limitation, or other sanctions for violation of the Act or the regulations promulgated thereunder.



*Judith A. Yost*

Judith A. Yost, Director  
 Division of Laboratory Services  
 Survey and Certification Group  
 Center for Medicaid and State Operations

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

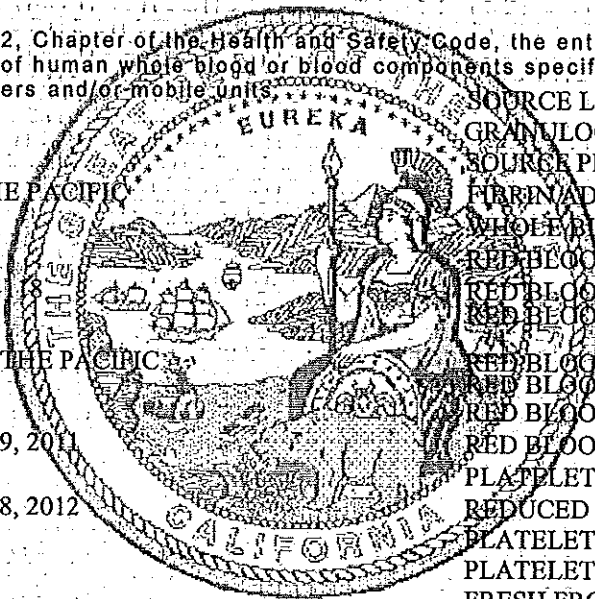
**LICENSE FOR THE PRODUCTION OF BIOLOGICS**

In accordance with Division 2, Chapter of the Health and Safety Code, the entity named below is hereby licensed to engage in the production of human whole blood or blood components specified hereon at the indicated address and its blood collection centers and/or mobile units.

BLOOD CENTERS OF THE PACIFIC  
 IRWIN CENTER  
 270 MASONIC AVENUE  
 SAN FRANCISCO, CA. 94118

OWNER: BLOOD CENTERS OF THE PACIFIC  
 BLOOD BANK ID NUMBER: 9058  
 ISSUANCE DATE: JANUARY 29, 2011  
 EXPIRATION DATE: JANUARY 28, 2012

MEDICAL DIRECTOR(S):  
 KIM-ANH NGUYEN, M.D.  
 MICHAEL P. BUSCH, M.D.  
 NORA V. HIRSCHLER, M.D.  
 EDWARD MURPHY, M.D.



SOURCE LEUKOCYTES  
 GRANULOCYTES, APHERESIS  
 SOURCE PLASMA  
 FIBRIN ADHESIVE  
 WHOLE BLOOD  
 RED BLOOD CELLS  
 RED BLOOD CELLS, LEUKOCYTE REDUCED  
 RED BLOOD CELLS, FROZEN  
 RED BLOOD CELLS, DEGLYCEROLIZED  
 RED BLOOD CELLS, WASHED  
 RED BLOOD CELLS, APHERESIS  
 RED BLOOD CELLS, APHERESIS, LR  
 PLATELETS, APHERESIS, LEUKOCYTES  
 REDUCED  
 PLATELETS  
 PLATELETS, APHERESIS  
 FRESH FROZEN PLASMA, APHERESIS  
 PLASMA, FROZEN  
 LIQUID PLASMA  
 FRESH FROZEN PLASMA  
 PLASMA, CRYOPRECIPITATE REDUCED  
 CRYOPRECIPITATED AHF

*Ron Harkey*

Ronald M. Harkey, Chief, Biologics Section  
 Laboratory Field Services