

ASHI

AMERICAN SOCIETY FOR
HISTOCOMPATIBILITY &
IMMUNOGENETICS

www.ashi-hla.org



**ASHI
ACCREDITED LABORATORIES
2019**

1120 Route 73, Suite 200
Mount Laurel, NJ 08054
Phone: 856-638-0428
Fax: 856-439-0525
www.ashi-hla.org

Updated: April 2019

Histocompatibility Laboratories

Histocompatibility laboratories are organized alphabetically by state and institution, followed by those in countries outside the United States.

Each laboratory has a current address, director, supervisor (if applicable), phone and fax numbers. Each has been characterized for tests and accreditation, as follows:

Test Performed:

Serologic Typing Class I (Serology: Class I)
Serologic Typing Class II (Serology: Class II)
DNA Typing Class I (DNA: Class I)
DNA Typing Class II (DNA: Class II)
Next Generation Sequencing (NGS)
Flow Cytometry (Flow)
MLC (MLC)
Monitoring for Engraftment (Mont. For Engraft.)
Antibody Screening (Antibody Screening)
Antibody Identification (Antibody ID)
Crossmatch (Crossmatch)
ABO/RH Typing (ABO/RH)

ASHI Accreditation Categories:

HSC/BM Transplantation: Related Donor (HSC/BM: Related)
HSC/BM Transplantation: Unrelated Donor (HSC/BM: Unrelated)
Solid Organ Transplantation: Deceased Donor (Solid Organ: Deceased)
Solid Organ Transplantation: Live Donor (Solid Organ: Live)
Histocompatibility Testing for Other Clinical Purposes (Typing for Non-TX)
Transfusion Support (Transfusion Support)

Alabama

10-3-AL-02-2

UAB Comprehensive Transplant Institute
Histocompatibility and Immunogenetics Laboratory
W218 Spain-Wallace Bldg.
619 19th Street South
Birmingham, AL 35249
Director: Vera Hauptfeld-Dolejssek, PhD, D(ABHI)
2nd Director: Dr. Tao Zhuo
General Supervisor: Julie Houp
Phone 1: 205/934-4987; Fax: 205/975-6698
Email: vhauptfeld@uabmc.edu; jhoup@uab.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry; Other Testing: Anti-A1 Titers, Chimerism; ABO Typing

Arizona

10-6-AZ-02-1

Vitalant
HLA Laboratory-PHX
124 W Thomas Rd. Suite #210
Phoenix, AZ 85013
Director: Geof Land, PhD, HCLD
General Supervisor: Melissa Marlowe, Nalaja Marcus, Rosalinda Partel
Phone 1: 623/487-6400
Fax: 602/279-8240
Email: nmarcus@vitalant.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry

01-6-AZ-01-1

Donor Network of Arizona
Immunogenetics Laboratory
4747 N. Seventh St., Suite 150
Phoenix, AZ 85014
Director: Kevin Burns, MD
General Supervisor: Abdur Rahman, MS, CHS
Phone 1: 602/251-2800
Fax: 602/251-2828

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry; ABO Typing

11-6-AZ-03-1

Banner University Medical Center – Tucson
HLA Laboratory
Department of Pathology
1625 N. Campbell Ave.
Tucson, AZ 85719
Director: Catherine Spier, MD
General Supervisor: Jeff Ashbeck
Phone 1: 520/694-5005
Phone 2: 520/694-6107
Fax: 520/694-7329
Email: Jeffrey.Ashbeck@BannerHealth.com, cspier@u.arizona.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry

10-6-AZ-04-1

Mayo Clinic
HLA Laboratory
5777 E. Mayo Blvd., Room 1-253
Phoenix, AZ 85303
Director: Andres Jaramillo, PhD, HCLD
2nd Director: Daniel Ramon, PhD, D(ABHI), HCLD
General Supervisor: Scott Stoll, CHS
Phone 1: 480-342-3671
Fax: 480/342-3674
Email: Stoll.Scott@mayo.edu;
Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular

Arkansas

01-5-AR-01-1

University of Arkansas for Medical Sciences
Histocompatibility Laboratory
4301 W. Markham, M1/300
Mail Slot 502
Little Rock, AR 72204
Director: Terry Harville, MD
2nd Director: Soumya Pandey, MD
General Supervisor: Marsha, Rood
Phone 1: 501/686-7257; Phone 2: 501/686-7376
Fax: 501/686-7441
Email: RoodMarshaL@uams.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); 03-9-ZN HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid Phase; HLA Antibody Identification: Solid Phase
Crossmatching: Flow cytometry

California

07-6-CA-43-1

American Red Cross Southern California Region

HLA Tissue Typing Laboratory

100 Red Cross Circle

Pomona, CA 91768

Director: J. Michael Cecka, PhD, D(ABHI)

General Supervisor: Roberta Bamert, CHT

Phone 1: 213/739-5609

Fax: 213/739-5455

Email:

Accreditation: Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase

02-6-CA-10-1

Vitalant HLA Laboratory - SMF

HLA Laboratory

10536 Peter A. McCuen Blvd.

Mather, CA 95655

Director: Kevin Burns, MD

2nd Director: James C. Cicciarelli, PhD

3rd Director: David Senitzer, PhD

General Supervisor: Tammi Whitted

Phone 1: 916/453-3685

Fax: 916/369-6144

Email: tammi.whitted@bloodsource.org

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

08-6-CA-19-1

Children's Hospital of Los Angeles

Department of Pathology and Laboratory Medicine

4650 Sunset Boulevard

HLA Lab, MS #32

Los Angeles, CA 90027

Director: Lee Ann Baxter-Lowe, PhD, D(ABHI)

General Supervisor: Lee Ann Baxter-Lowe, PhD, D(ABHI)

Phone 1: 323/361-2358

Fax: 323/361-8125

Email: lbaxterlowe@chla.usc.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase, CDC

Crossmatching: CDC

04-6-CA-15-2

California Pacific Medical Center

Histocompatibility Laboratory

Department of Transplantation

2330 Clay Street

2nd Floor

San Francisco, CA 94115

Director: Howard Gebel, PhD, D(ABHI)

2nd Director: Robert Bray, PhD, D(ABHI)

3rd Director: David Eckels, PhD, D(ABHI)

General Supervisor: Sherman S. Bakabak, Jr., CHS

Phone 1: 415/750-4400

Fax: 415/750-4435

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry

04-6-CA-20-1

Cedars-Sinai Medical Center

HLA and Immunogenetics Laboratory

8700 Beverly Boulevard, SSB 197

Los Angeles, CA 90048

Director: Xiaohai Zhang, PhD, D(ABHI)

General Supervisor: Ruth Naim, MT, CHT, CHS

Phone 1: 310/423-4979

Fax: 310/423-0391

Email: Xiaohai.Zhang@cshs.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid

phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC; Other Testing: Chimerism

07-6-CA-44-1

UCSF Benioff Children's Hospital, Oakland

HLA/Immunogenetics Laboratory

747 52nd Street

Bruce Lyon Bldg. Suite 204

Oakland, CA 94609

Director: Marilyn Pollack, PhD, D(ABHI)

General Supervisor: Kenneth Plamenco, MD, CLS, CHS

Phone 1: 510/450-7686

Fax: 510/450-5692

Email: KPlamenco@mail.cho.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

Other Testing: Chimerism; KIR Typing

California

11-6-CA-02-1

City of Hope National Medical Center

Histocompatibility Laboratory

1500 East Duarte Road

Utah Building

Duarte, CA 91010

Director: Ketevan Gendzekhadze, PhD, D(ABHI)

Phone 1: (877) 443-4363

Phone 2: (626) 218-2621

Fax: (626) 218-6888

Email: kgendzekhadze@coh.org

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Chimerism

KIR Typing: Low Resolution Molecular; NGS

12-6-CA-17-1

Loma Linda University Medical Center

HLA Laboratory

MC 2125, 11234 Anderson Street

Loma Linda, CA 92354

Director: W. Tait Stevens, MD

General Supervisor: Linda Buckert, MT(ASCP), SBB, CHS

Phone 1: 909/558-4144

Phone 2: 909/558-4000 ext 44144

Fax: 909/558-0144

Email: lbuckert@ahs.llumc.edu

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

Other Testing: Chimerism

12-6-CA-18-2

METIC Immunogenetics Consultants, Inc.

HLA Tissue Typing Non-Renal

129 N. Hill Ave. Suite 104-A

Pasadena, CA 91106

Director: Yuichi Iwaki, MD, PhD

General Supervisor: Yvette Perry

Phone 1: 323/221-2177

Phone 2: 800/986-3842

Fax: 323/221-2176

Email: y.perry@metic.com

Accreditation: Solid Organ Transplantation: Live Donor,
Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase, CDC

Crossmatching: Flow cytometry, CDC

12-6-CA-18-1

METIC Transplantation Labs, Inc.

HLA Tissue Typing-Renal

129 N. Hill Ave. Suite 104

Pasadena, CA 91106

Director: Yuichi Iwaki, MD, PhD

General Supervisor: Yvette Perry

Phone 1: 323/441-1111

Fax: 323/441-1117

Email: y.perry@metic.com

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

12-6-CA-18-3

VRL Eurofins

Immunogenetics Laboratory

2100 W. 3rd Street, Suite 301

Los Angeles, CA 90057

Director: Nathan Lemp, PhD, D(ABHI)

2nd Director: James C. Ciciarelli, PhD

General Supervisor: Jan Chew, Sue Mesa

Phone 1: 213/387-4199

Fax: 213/387-8701

Email: Jan.Chew@viracoribt.com; Sue.Musa@viracoribt.com

Accreditation: Solid Organ Transplantation: Live Donor,
Histocompatibility Testing for Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

California

06-6-CA-08-2

Stanford Blood Center

Histocompatibility & Immunogenetics Laboratory - Hillview
3373 Hillview Ave
Palo Alto, CA 94304
Director: Marcelo Fernandez-Vina, PhD
General Supervisor: Christine Martens, PhD; Arianne Mankey, CHS
Phone 1: 650/725-3974
Fax: 650/723-6350
Email: dtyan@stanford.edu; cmartens@stanford.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC; Other Testing: Cellular, Chimerism; KIR Typing: Low Resolution Molecular

06-6-CA-08-3

Stanford Blood Center

Histocompatibility & Immunogenetics Laboratory - Porter
3155 Porter Drive, Suite 2114-2116
Palo Alto, CA 94304
Director: Marcelo Fernandez-Vina, PhD
General Supervisor: Christine Martens, PhD; Chih-Hung Lai, PhD, D(ABHI), Arianne M. Mankey, CHS
Phone 1: 650/725-3974
Fax: 650/723-6350
Email: dtyan@stanford.edu; cmartens@stanford.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
Chimerism, KIR Typing: Next Generation Sequencing (NGS)

07-6-CA-45-1

Terasaki Research Institute

1018 Westwood Blvd.
Los Angeles, CA 90024
Director: James C. Cicciarelli, PhD
General Supervisor: Dr. Matthew Everly
Phone 1: 310/479-6101
Email: sihardy@terasakilab.org; judyhopfield@yahoo.com
Accreditation: Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase

05-6-CA-05-3

UCLA School of Medicine

UCLA Immunogenetics Center
Department of Pathology
1000 Veteran Avenue
Los Angeles, CA 90095
Director: Elaine Reed, PhD
General Supervisor: Gertrudes Aguas, Ping Takemura, Qiheng Zhang and Alina Miller
Phone 1: 310/825-7651
Phone 2: 310/206-0258
Fax: 310/206-3216
Email: apichotta@mednet.ucla.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC
Other Testing: Cellular
MICA Antibody Testing: Solid phase
KIR Typing: Low Resolution Molecular

04-6-CA-32-1

Sharp Hospital

HLA Laboratory
8010 Frost Street
Suite 101
San Diego, CA 92123
Director: James C. Cicciarelli, PhD
General Supervisor: Bruce Williams, CHT, CHS (CLS)
Phone 1: 858/650-5092
Fax: 858/650-5093
Email: bruce.williams@sharp.com; cicciare@hsc.usc.edu,

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry

UNITED STATES (CA – CO)

California

02-6-CA-12-1

University of California San Diego Medical Center

Immunogenetics & Transplant Lab
UCSD Center for Advanced Laboratory Medicine
10300 Campus Point Dr. Ste#150
San Diego, CA 92121
Director: Gerald Morris, MD, PhD
General Supervisor: Chunlong Yang, MS, CHS
Phone 1: 858/642-4774
Fax: 858/642-0595
Email: c8yang@ucsd.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC
Other Testing: Chimerism; ABO Typing

02-6-CA-14-1

University of California San Francisco

Immunogenetics and Transplantation Laboratory
Department of Surgery
3333 California Street
Suite 150 Laurel Heights
San Francisco, CA 94118
Director: Rajalingam Raja, PhD, D(ABHI)
General Supervisor: Denice Kong, CHT
General Supervisor: Kelly Cunniffe, CHS
Phone 1: 415/476-3883
Phone 2: 415/476-3886
Fax: 415/476-0379
Email: Victor.Corpuz@ucsfmedctr.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC;
Other Testing: Chimerism, KIR Typing; NGS

12-6-CA-20-1

University of California, Irvine

HLA lab at UC Irvine
101 the City Drive South
Bldg.54, 4200
Orange, CA 92868
Director: Gerald Morris, MD, PhD
General Supervisor: Hao Trinh
Phone 1: 714/456-5889
Fax: 714/456-3964
Email: htrinh1@uci.edu

Accreditation: Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC

Colorado

02-4-CO-12-1

University of Colorado Anschutz Medical Campus

ClinImmune Labs
Bioscience 2 Building
12705 E. Montview Boulevard, Ste. 250
Aurora, CO 80045
Director: Brian Freed, PhD, D(ABHI)
General Supervisor: Marian Tamondong-Reside, CHS
Phone 1: 303/724-1300
Phone 2: 303/724-3909
Fax: 303/724-1310
Email: MARIAN.TAMONDONG-RESIDE@UCDENVER.EDU

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry; ABO Typing

12-4-CO-01-2

VRL Eurofins

6933-B South Revere Parkway
Centennial, CO 80112
Director: Sara Dionne, PhD
General Supervisor: Feyama Ashby
Phone 1: 303/365-9000
Fax: 303/343-6666
Emails: Feyama_Ashby@labs-inc.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry

Connecticut

03-1-CT-02-2

Hartford Hospital

Histocompatibility Laboratory

80 Seymour Street

Transplant Service

Hartford, CT 06102-5037

Director: Laurine Bow, PhD

General Supervisor: Todd Alberghini

Phone 1: 860/545-3938

Phone 2: 860/545-3123

Fax: 860/545-4356

Email: lbow@harthosp.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase, CDC

Crossmatching: Flow cytometry, CDC

ABO Typing

07-1-CT-03-1

Yale University School of Medicine

Histocompatibility & Immune Evaluation Laboratory

Department of Surgery-Transplant

333 Cedar Street, FMB 15

New Haven, CT 06520-8062

Director: Laurine Bow, PhD

General Supervisor: Doreen Sese, CHS (ABHI)

Phone 1: (203) 785-4812

Phone 2: (617) 584-5267

Fax: (203) 737-4892

Email: doreen.sese@yale.edu

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular, NGS, Serology; HLA Typing Class II: Molecular, NGS, Serology; HLA Antibody Detection: Solid phase, CDC; HLA Antibody Identification: Solid phase;

Crossmatching: Flow cytometry, CDC

District of Columbia

08-2-DC-02-1

MedStar-Georgetown Medical Center

Histocompatibility Laboratory

3900 Reservoir Road, NW

Preclinical Science Bldg, Room LE8H

Washington, DC 20007

Director: Sandra Rosen-Bronson, PhD, D(ABHI)

General Supervisor: Mariam Awwad

Phone 1: 202/784-2909

Phone 2: 202/784-3550

Fax: 202/687-1244 or 202/784-3552

Email: bronson@gunet.georgetown.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

04-2-DC-03-1

Walter Reed National Military Medical Center at Bethesda

Transplant Immunology Laboratory

Building 9, 1st Floor, Room 1640

8901 Wisconsin Avenue

Bethesda, MD 20889

Director: Sandra Rosen-Bronson, PhD, D(ABHI)

General Supervisor: Adel Shawhatti, CHS

Phone 1: 301/319-7989

Phone 2: 301/319-2629

Fax: 301/400-0929

Email: adel.a.shawhatti.civ@mail.mil

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase, Crossmatching: CDC

ABO Typing

Florida

10-3-FL-07-1

Florida Hospital Medical Center

Tissue Typing Laboratory

601 East Rollins Street

Orlando, FL 32803

Director: Deborah Thoni, MD

General Supervisor: Max P. Marschner, MT, SBB

Phone 1: 407/897-1681

Fax: 407/895-7792

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Cellular

07-3-FL-18-1

H. Lee Moffitt Cancer and Research Institute

HLA/Immunogenetics

M2Gen

10902 N. McKinley Drive

Tampa, FL 33612

Director: Dr. Pedro Cano

General Supervisor: Jennifer Wendel, CHS

Phone 1: 813/745-1800

Phone 2: 813/745-6153

Fax: 813/745-4297

Email: Jennifer.Wendel@Moffitt.org; Pedro.Cano@moffitt.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor; Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

06-3-FL-12-1

Lifelink Foundation, Inc.

Lifelink Transplantation Immunology Lab

9661 Delaney Creek Blvd.

Tampa, Florida 33619

Director: Mayra Lopez-Cepero, Ph.D., D(ABHI)

2nd Director: Sandra Resto-Ruiz, PhD, HCLD

Manager: Donna G. Becker, CHS, MT

Phone 1: 813/253-3866

Phone 2: 813/253-2640

Fax: 813/254-3367

Email: mayra.lopez-cepero@lifelinkfound.org;

donna.becker@lifelinkfound.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry,

CDC; ABO/Rh Typing; Other Testing: Immune Cell Function

09-3-FL-01-1

UF Health Medical Lab – Rocky Point

Histocompatibility Laboratory

PO Box 100344

4800 SW 35 Drive., Room 1108

Gainesville, FL 32608

Director: Steven S. Goldstein, MD

General Supervisor: Mai Ta, MT(ASCP), CHS

Phone 1: 352/265-0072

Fax: 352/265-0626

Email: Tamh@shands.ufl.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Chimerism

Florida

02-3-FL-16-1

Mayo Clinic

Department of Pathology
4500 San Pablo Road
Stabile N Room 230
Jacksonville, FL 32224

Director: Mohamed Elrefaei, MD, PhD, D(ABHI)

General Supervisor: David Kahle, CHT, CHS

Phone 1: 904/953-2589

Fax: 904/953-2096

Email: Elrefaei.Mohamed@mayo.edu

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC; HLA Antibody

Identification: Solid phase, CDC; Crossmatching: Flow cytometry,
CDC

04-3-FL-04-2

University of Miami School of Medicine

Immune Monitoring & Histocompatibility Laboratory
1600 N.W. 10th Avenue
Miami, FL 33136

Director: Philip Ruiz, MD, PhD

General Supervisor: Casiana Fernandez-Bango

Phone 1: 305/243-3131

Fax: 305/243-4449

Email: pr Ruiz@med.miami.edu

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry, CDC;
Other Testing: Chimerism

Georgia

06-3-GA-04-1

Emory University Hospital

Histocompatibility and Immunogenetics Laboratory
Pathology Department Room C184
1364 Clifton Road, NE
Atlanta, GA 30322

Director: Robert Bray, PhD, D(ABHI)

2nd Director: Howard Gebel, PhD, D(ABHI)

General Supervisor: Rebecca Toddings, CHS

Phone 1: 404/712-7365

Fax: 404/712-4717

Email: rbray@emory.edu , hgebel@emory.edu

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

04-3-GA-01-1

AU Medical Center, Inc.

Histocompatibility/Immunology Laboratory
1120 15th Street, BAS 1641
Augusta, GA 30912-4091

Director: Valia Bravo-Egana, PhD, D(ABHI)

General Supervisor: Catherine F. Klimek, CHS

Phone 1: 706/721-3311

Phone 2: 706/721-3312

Fax: 706/721-2709

Email: CKLIMEK@augusta.edu

Accreditation: HSC/BM Transplantation: Related Donor, Solid
Organ Transplantation: Deceased Donor, Solid Organ
Transplantation: Live Donor, Histocompatibility Testing For Other
Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase, CDC

Crossmatching: Flow cytometry, CDC

Hawaii

01-6-HI-01-1

Hawaii Cellular Therapy and Transplant Laboratory

Clinical Immunogenetics Laboratory

2226 Liliha Street, 5th floor

Honolulu, HI 96817

Director: J. Michael Cecka, PhD

General Supervisor: Diane Kumashiro, CHS, CLS, MT

Phone 1: 808/547-6127

Phone 2: 808/547-6126

Fax: 808/595-7078

Email: diane.kumashiro@hawaiilabs.com

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase; HLA Antibody

Identification: Solid phase; Crossmatching: CDC

Illinois

06-4-IL-03-2

Gift of Hope Organ & Tissue Donor Network

Histocompatibility Laboratory

425 Spring Lake Drive

Itasca, IL 60143

Director: Sam Ho, PhD, D(ABHI)

General Supervisor: Bozena Labuda, BS, MT, CHS

Phone 1: 630/758-2650

Fax: 630/758-2603

Email: blabuda@giftofhope.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry, CDC;

ABO/Rh Typing

02-4-IL-15-1

Northwestern University

Transplant Immunology Laboratory

303 E. Chicago Avenue

Tarry Building, Rooms 11-764 to 11-770

Chicago, IL 60611

Director: Anat Tambur, PhD, D(ABHI)

General Supervisor: Marguerite Buckingham

Phone 1: 312/503-8069

Fax: 312/503-3366

Email: mrb404@northwestern.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC; HLA Antibody

Identification: Solid phase, CDC; Crossmatching: Flow cytometry,

CDC; Other Testing: Chimerism

03-4-IL-08-1

Loyola University Medical Center

HLA Laboratory

2160 South First Avenue

Building 103, Room 0018

Maywood, IL 60153

Director: Dr. Zeying Du

General Supervisor: Jaishree Patel

Phone 1: 708/216-3626

Phone 2: 708/216-8473

Fax: 708/216-1047

Email: JPATEL8@lumc.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase; HLA Antibody

Identification: Solid phase

Crossmatching: Flow cytometry

11-4-IL-07-1

Memorial Medical Center

Transplant Laboratory

701 N. First Street

Springfield, IL 62781

Director: Chak-Sum (Sam) Ho, PhD, D(ABHI)

General Supervisor: Nicholas Dyson

Phone 1: 217/788-4089

Fax: 217/788-5576

Email: Dyson.Nicholas@mhsil.com

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase

Crossmatching: CDC

Illinois

03-4-IL-01-1

Rush University Medical Center

Histocompatibility & Immunogenetics Laboratory
Molecular Diagnostics

1653 West Congress Parkway
Rush Med. Labs, 11th Fl. Jelke

Chicago, IL 60612

Director: Siva Kanangat, PhD

General Supervisor: Michele Higgins Prod, CHS, MT

Phone 1: 312/942-8393

Fax: 312/942-6529

Email: michele_prod@rush.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Molecular; Next Generation Sequencing (NGS);

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

07-4-IL-16-1

University of Chicago Medical Center

Transplant Immunology & Immunogenetics Laboratory

5841 S. Maryland Ave, MC0006 Rm:G-320

Chicago, IL 60637-1470

Director: Susana Marino, MD, PhD, D(ABHI)

General Supervisor: Jerome Weidner

Phone 1: 773/702-5388

Fax: 773/702-2984

Email: smarino@surgery.bsd.uchicago.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase; HLA Antibody

Identification: Solid phase

Crossmatching: Flow cytometry, CDC; KIR Typing: Low Resolution Molecular

06-4-IL-13-1

University of Illinois at Chicago

Tissue Typing Laboratory

Department of Pathology – MC 750

808 S. Wood Street, Bldg. 910

Chicago, IL 60612

Director: Sujata Gaitonde, MD

Phone 1: 312/996-1671

Fax: 312/413-7538

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; KIR Typing, Low Resolution

Indiana

08-4-IN-06-1

Versiti, Indiana, Inc.

Transplant Immunology & Clinical Histocompatibility

3450 North Meridan Street

HLA Laboratory, P.O. Box 88206

Indianapolis, IN 46208-0206

Director: Dan Waxman, MD

Lab Manager: Katrina Jenkins, MT(ASCP), CHT

Phone 1: 317/916-5236

Fax: 317/916-5230

Email: DWaxman@indianablood.org

Accreditation: Solid Organ Transplantation: Live Donor, Solid Organ Transplantation: Deceased Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Platelet Antibody Testing: Solid phase

ABO Typing

02-4-IN-03-1

Indiana University Medical Center

Immunology Histocompatibility Laboratory

705 Riley Hospital Drive, Room 2042

James Whitcomb Riley Hospital for Children

Indianapolis, IN 46202-5200

Director: Andrew Lobashevsky, MD, PhD, D(ABHI)

General Supervisor: Mary Krueger, CHT

Phone 1: 317944-2037 2: 317/944-1999

Fax: 317/944-1108

Email: alobashe@iu.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

03-4-IN-05-1

Indiana University Health

Transplant Immunology Laboratory

1701 North Senate Boulevard

Wile Hall 116

Indianapolis, IN 46202

Director: Andrew Lobashevsky, MD, PhD, D(ABHI)

General Supervisor: Nancy Higgins, MT, CHS

Phone 1: 317/962-6196

Phone 2: 317/962-6194

Fax: 317/962-6195

Email: nhiggins@iuhealth.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC; HLA Antibody

Identification: Solid phase, CDC; Crossmatching: Flow cytometry, CDC; Other Testing: Immune Function

Indiana

02-4-IN-07-1

Franciscan Health Indianapolis

HLA-Vascular Biology Laboratory
Franciscan Cancer Center, Suite 211
8111 S. Emerson Ave.
Indianapolis, IN 46237

Director: Ronald K. Charlton, PhD, HCLD
2nd Director: E. Victoria Turner, PhD, D(ABHI)
General Supervisor: Sally Burns, CHT
Phone 1: 317/528-7187
Fax: 317/528-6949

Email: Julie.Hilderbrand@franciscanalliance.org

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry
Other Testing: Chimerism

Iowa

10-4-IA-01-1

VA Medical Center

Iowa Regional Histocompatibility and Immunogenetics Laboratory
601 Highway 6 West
Iowa City, IA 52246

Director: Elizabeth H. Field, MD
General Supervisor: Denise Owens
Phone 1: 319/338-0581 ext 5640
Phone 2: 319/338-0581 ext 5642
Fax: 319/339-7032

Email: liz-field@icva.gov

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody
Identification: Solid phase; Crossmatching: Flow cytometry; Other
Testing: Chimerism

Kansas

06-4-KS-02-2

Midwest Transplant Network, Inc.

Histocompatibility Laboratory
1900 West 47th Place, Suite 400
Westwood, KS 66205-1801

Director: Taba Kheradmand, PhD, D(ABHI)
2nd Director: Christina Bishop, PhD, D(ABHI)
General Supervisor: Scott McDonald, BS, MT(ASCP), CHT
Phone: 913/261-6151
Fax: 913/261-6451

Email: smcdonald@mwtn.org

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry
Other Testing: Chimerism
ABO Typing

Kentucky

11-3-KY-03-1

University of Kentucky

Immuno-Molecular Pathology Laboratory

800 Rose Street

Room HA 629

Lexington, KY 40536

Director: C. D. Jennings, MD

2nd Director: John Thompson, MD

General Supervisor: John May, Doreen Jezek

Phone 1: 859/323-5327

Fax: 859/323-2333

Email: jrmay2@email.uky.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry
Other Testing: Chimerism

05-3-KY-02-1

University of Louisville

Renal Transplant Laboratory

Medical Dental Research building Rm 212A

511 South Floyd Street

Louisville, KY 40202

Director: Jon Klein, MD, PhD

General Supervisor: Joseph Falk, CHS

Phone 1: 502/852-5865

Phone 2: 502/852-4559

Fax: 502/852-5782

Email: jgfalk01@louisville.edu

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: CDC

Louisiana

12-5-LA-02-1

Ochsner Clinic

Ochsner Histocompatibility and Immunogenetics Laboratory

1201 S. Clearview Pkwy.

Jefferson, LA 70121

Director: E. Shannon Cooper, MD, JD

General Supervisor: Krystal Brewer

Phone 1: 504/842-3027

Fax: 504/842-2357

Email: kbrewer@ochsner.org

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC

04-5-LA-01-2

Tulane University Health Science Center

Histocompatibility & Immunogenetics Laboratory

Medicine/Clinical Immunology

1430 Tulane Avenue, SL75

New Orleans, LA 70112

Director: Deborah Crowe, PhD, D (ABHI)

General Supervisor: Kathleen Pendergrass & Kellie Jordan

Phone: 504/988-5259

Fax: 504/988-3636

Email: Deborah.Crowe@tchc.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC

Maine

11-1-ME-01-1

NorDx Immunogenetics Laboratory

301A US Route 1
Scarborough, ME 04074
Director: Ronald Rubocki, PhD, D(ABHI)
General Supervisor:
Phone 1: 207/396-7706
Phone 2: 207/396-7717
Fax: 207/396-8307
Email: rubocr@mmc.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC; ABO/Rh Typing

Maryland

06-2-MD-01-1

Johns Hopkins University School of Medicine

Immunogenetics Laboratory
2041 East Monument Street
Baltimore, MD 21205-2222
Director: Maria Bettinotti, PhD, D(ABHI), FACMG
General Supervisors: Kevin Chesterton, CHS
Phone 1: 410/955-3600
Fax: 410/955-0431
Email: kchesterton@jhmi.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC;
Other Testing: Cellular KIR Typing: Molecular; Next Generation Sequencing (NGS)

Maryland

05-2-MD-09-1

National Institutes of Health

HLA Laboratory
Department of Transfusion Medicine
Bldg. 10, Room 1C744
10 Center Drive
Bethesda, MD 20892-1184
Director: David Stroncek, MD
2nd Director: William Ward, PhD
General Supervisor: Sharon Adams
Phone 1: 301/496-8852
Fax: 301/480-0526
Email: SAdams1@cc.nih.gov

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; KIR Typing; MICA Antibody Testing: Solid Phase

12-2-MD-14-1

Georgetown University

C.W. Bill Young DOD Marrow Program
11333 Woodglenn Drive
3rd Floor
Rockville, MD 20852-3072
Director: Carolyn Katovich Hurley, PhD, D(ABHI)
Technical Supervisor: Jennifer Ng, PhD
General Supervisors: Bin Tu, Lihua Hou, Ana M. Lazaro, Kanthi Kariyawasam, Carly Masaberg, Ruyan Yang and Nuri Cha
Phone 1: 301/998-8900
Fax: 301/301-998-8946
Email: H.Araujo@dodmarrow.org

Accreditation: Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
KIR Typing: Molecular; Next Generation Sequencing (NGS)

Maryland

11-2-MD-03-1

University of Maryland Medical Center

Immunogenetics Laboratory
22 South Greene St.
Box 173
Baltimore, MD 21201
Director: Debra Kukuruga, MT(ASCP), PhD, D(ABHI)
General Supervisor: Adrienne Kelly-Webb, CHS
Phone 1: 410/328-2955
Phone 2: 410/328-2956
Fax: 410/328-2967
Email: DKUKURUGA@umm.edu;

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC
Other Testing: Chimerism
MICA Typing: Low Resolution Molecular
MICA Antibody Identification: Solid Phase

Massachusetts

10-1-MA-01-1

American Red Cross Blood Services – Northeast Division

HLA Lab
180 Rustcraft Road
Suite 115
Dedham, MA 02026
Director: Susan Hsu, PhD, D(ABHI), ABMLI
General Supervisor: Alex Sheh
Phone 1: 781/461-2145
Phone 2: 781/461-2146
Fax: 781/461-2269
Email: Susan.Hsu@redcross.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: CDC
Other Testing: Platelet Ab Screening
ABO Typing
KIR Typing: Low Resolution Molecular
MICA Typing: Low Resolution; NGS

Massachusetts

05-1-MA-05-1

Beth Israel Deaconess Medical Center

Lab Medicine, Yamins 309, Attn: HLA
330 Brookline Avenue
Boston, MA 02215
Director: J. Ryan Pena, MD, PhD, D(ABHI)
General Supervisor: Dean R. Sylvaria, BS, CHS
Phone 1: 617/754-3321
Fax: 617/754-3325
Email: dsylvari@bidmc.harvard.edu

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: CDC

11-1-MA-04-2

Brigham and Women's Hospital

Tissue Typing Laboratory
75 Francis St
Boston, MA 02115
Director: E. L. Milford, MD
General Supervisor: Jamie Dellagatta, Helen Mah, Isabelle Wood, Jonathan Stevens, Peter Macaskill
Phone 1: 617/738-4650
Phone 2: 617/732-5872
Fax: 617/566-6176
Email: jdellagatta@bwh.harvard.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular, Next Generation Sequencing (NGS);
HLA Typing Class II: Serology, Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase, CDC; HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC
Other Testing: Chimerism; ABO Typing

11-1-MA-04-3

Brigham and Women's Hospital

DFCI Smith Building
Tissue Typing Laboratory
75 Francis St
Boston, MA 02115
Director: E. L. Milford, MD
General Supervisor: Jamie Dellagatta, Helen Mah, Isabelle Wood, Jonathan Stevens, Peter Macaskill
Phone 1: 617/738-4650
Email: jdellagatta@bwh.harvard.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular, Next Generation Sequencing (NGS);
HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); Other Testing: Chimerism;

Massachusetts

08-1-MA-06-1

Massachusetts General Hospital

Histocompatibility Lab

55 Fruit St

Room GRJ 220

Boston, MA 02114-2696

Director: Susan Saidman, PhD

General Supervisor: Tim Girouard

Phone 1: 617/726-3722

Fax: 617/724-3331

Email: ssaidman@partners.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular; HLA Typing Class II: Molecular; HLA Antibody Detection: CDC, Solid phase, HLA Antibody Identification: CDC, Solid phase; Crossmatching: CDC

03-1-MA-12-1

University of Massachusetts Memorial Medical Center

Histocompatibility Laboratory/Memorial Campus

365 Plantation Street, Biotech One

Worcester, MA 01605

Director: Neng Yu, MD, D(ABHI)

General Supervisor: Jessica Gatulis

Phone 1: 508/334-6892

Phone 2: 508/334-6643

Fax: 508/334-6846

Email: Neng.Yu@umassmemorial.org

Email: Jessica.Gatulis@umassmemorial.org

Accreditation: HSC/BM Transplantation: Related donor, HSC/BM Transplantation: Unrelated donor, Solid Organ Transplantation: Living donor, Histocompatibility Testing for Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular Next Generation Sequencing (NGS); HLA Typing Class II: Molecular, Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC; KIR Typing

Michigan

03-2-MI-07-1

The Detroit Medical Center

HLA Laboratory

Hutzel Building 4707 St. Antoine

Ground Floor WG71

Detroit, MI 48201

Director: Omar Moussa, PhD, D(ABHI)

General Supervisor: Wanda Ells, Christine Martinelli

Phone 1: 313/745-8090

Fax: 313/966-0934

Email: Wells@dmc.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular HLA Typing Class II: Molecular, HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase Crossmatching: Flow cytometry; Other Testing: Cellular, Chimerism; KIR Typing: Low Resolution Molecular

Michigan

12-2-MI-01-1

Gift of Life Michigan

Histocompatibility Laboratory

3861 Research Park Drive

Ann Arbor, Michigan 48108

Director: Chak-Sum (Sam) Ho, PhD, D(ABHI)

2nd Director: John Gerlach, PhD, D(ABHI)

General Supervisor: Walter Herczyk, MT(ASCP), CHS; Padma

Kuchipudi, MS, CHS

Phone 1: 734/922-6014

Phone 2: 734/973-1577

Fax: 734/973-0332

Email: pkuchipudi@giftoflifemichigan.org;

WHerczyk@giftoflifemichigan.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor

Tests HLA Typing Class I: Molecular

HLA Typing Class II: Molecular; HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry

Other Testing: ABO Typing

03-2-MI-04-1

Henry Ford Hospital

Cellular Immunology & Histocompatibility

Department of Pathology

2799 West Grand Boulevard

E & R Bldg, Room 6017

Detroit, MI 48202

Director: Gabriel Maine, PhD, D(ABHI)

General Supervisor: Sharon Skorupski

Phone 1: 313/916-3304

Phone 2: 313/916-3165

Fax: 313/916-9440

Email: sskorup1@hfhs.org

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular; HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry; Other Testing: Chimerism

01-2-MI-14-1

Versiti Michigan, Inc.

HLA Laboratory

P.O. Box 1704, 1036 Fuller Ave, NE

Grand Rapids, MI 49501

Director: Lee Ann Weitekamp, MD

2nd Director: Debra Kukuruga, MT(ASCP), PhD, D(ABHI)

General Supervisor: Lee Ann Weitekamp, MD

Phone 1: 616/233-8594

Phone 2: 616/233-8597

Fax: 616/233-8658

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Histocompatibility

Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Michigan

05-2-MI-08-1

Michigan State University

Immunohematology & Serology Laboratory
 B228 Life Science Building
 1355 Bogue St. Room B228
 Department of Medicine
 East Lansing, MI 48824-1317
 Director: John Gerlach, PhD, D(ABHI)
 General Supervisor: Susan Forney MS, CHS
 Phone 1: 517/355-4616
 Phone 2: 517/432-3472
 Fax: 517/353-5436
 Email: msuhla@msu.edu

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 HLA Antibody Detection: Solid phase
 HLA Antibody Identification: Solid phase
 Crossmatching: Flow cytometry, CDC
 ABO Typing

03-2-MI-02-1

University of Michigan Health System

Histocompatibility Laboratory
 Department of Pathology and Clinical Laboratories
 2800 Plymouth Road, Building 35
 Ann Arbor, MI 48109-2800
 Director: Marcelo Pando Rigal, PhD, D(ABHI)
 General Supervisor: Cynthia A. Schall, CHS
 Phone 1: 734/647-2774
 Fax: 734/936-7583

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry; MICA Typing: Low Resolution

05-2-MI-10-1

William Beaumont Hospital

Histocompatibility Laboratory
 3601 West 13 Mile Road
 Royal Oak, MI 48073
 Director: Gabriel Maine, PhD, D(ABHI)
 General Supervisor: Stephanie Perrone, CHS
 Phone 1: 248/898-9011
 Phone 2: 248/898-9008
 Fax: 248/898-3398

Accreditation: Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes,
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 HLA Antibody Detection: Solid phase
 HLA Antibody Identification: Solid phase
 Crossmatching: Flow cytometry

Minnesota

08-4-MN-01-1

University of Minnesota Medical Center – A Division of Fairview

Immunology/Histocompatibility Laboratories
 MMC 724
 420 Delaware Street SE
 Minneapolis, MN 55455
 Director: David Maurer, PhD, D(ABHI)
 2nd Director: Gizem Tumer, MD
 General Supervisor: Carolynn Scalf
 Phone 1: 612/273-3100
 Fax: 612/273-7036
 Email: cscalfl@fairview.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Serology, Molecular
 HLA Typing Class II: Serology, Molecular
 HLA Antibody Detection: Solid phase, CDC
 HLA Antibody Identification: Solid phase, CDC
 Crossmatching: Flow cytometry, CDC
 Other Testing: Cellular
 KIR Typing: Low Resolution Molecular

01-4-MN-03-1

Mayo Clinic

Tissue Typing Laboratory
 200 First Street, SW
 Rochester, MN 55905
 Director: D. Manish Gandhi
 General Supervisor: Steve DeGoey, BS, CHS; Laurie Voit, CHS
 Phone 1: 507/284-5268
 Fax: 507/284-4229
 Email: degoey.steven@mayo.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Serology, Molecular
 HLA Typing Class II: Serology, Molecular
 HLA Antibody Detection: Solid phase, CDC
 HLA Antibody Identification: Solid phase, CDC
 Crossmatching: Flow cytometry, CDC

UNITED STATES (MS– NV)

Mississippi

08-3-MS-01-1

University of Mississippi Medical Center

Tissue Typing and Immunopathology Laboratory

2500 North State Street

Jackson, MS 39216

Director: Venkat K.R. Mannam, MBBS., PhD, D(ABMLI), D(ABHI)

General Supervisor: Melissa Gischel, CHS

Phone 1: 601/984-1566

Phone 2: 601/984-1561

Email: vmannam@umc.edu; mgischel@umc.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC

Missouri

03-4-MO-02-1

Barnes Jewish Hospital

HLA Laboratory

One Barnes Jewish Plaza; 3rd Floor Service Building

St. Louis, MO 63110

Director: Dr. Chang Liu, MD, PhD

General Supervisor: Donna Phelan, BA, CHS, MT(HEW)

Phone 1: 314/362-5323;

Phone 2: 314/362-5322

Fax: 314/362-4647

Email: dlp2368@bjc.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC

Missouri

09-4-MO-04-1

Saint Louis University Health Science Center

Histocompatibility and Immunogenetics Laboratory

3635 Vista Ave at Grand Boulevard

St. Louis, MO 63110

Director: Ralph J. Graff, MD

General Supervisor: Beverly Hoover

Phone 1: 314/577-8671

Fax: 314/268-5126

Email: hooverb@slu.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC
KIR Typing: Low Resolution Molecular

Nebraska

01-4-NE-02-1

Nebraska Medical Center

Molecular Diagnostics

985454 Nebraska Medical Center

Omaha, NE 68198-5454

Director: Catherine Gebhart, PhD, D(ABHI)

General Supervisor: Sophia Hauxwell, MT(ASCP), CHS

Phone 1: 402/559-7660

Fax: 402/559-2490

Email: cgebhart@unmc.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase, CDC; HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC

Nevada

01-6-NV-01-1

Nevada Donor Network

Las Vegas Immunogenetics Laboratory

2061 E. Sahara

Las Vegas, NV 89104

Director: Kevin Burns, MD

General Supervisor: Adam Blacker, CHS, Philip Brown, CHS

Phone 1: 702/317-1103

Fax: 702/384-8198

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry; ABO/Rh Typing

New Jersey

01-2-NJ-02-1

New Jersey Organ & Tissue Sharing Network

Transplant Laboratory

691 Central Avenue

New Providence, NJ 07974

Director: Prakash Rao, PhD, MBA, FACHE, HCLD

General Supervisor: Ijeoma Okere, MBA, MLS

Phone 1: 908-516-5454

Phone 2: 908-516-5607

Fax: 908-516-5554

Email: IOkere@njsharingnetwork.org

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor Solid Organ

Transplantation: Deceased Donor, Solid Organ

Transplantation: Live Donor,

Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC, Anti-A1 Titer,

ABO Typing

New York

12-1-NY-02-1

Albany Medical College

Transplantation Immunology Laboratory

47 New Scotland Ave

Mail Code 122

Albany, NY 12208

Director: Amy Hahn, PhD, D(ABHI)

General Supervisor: Don Constantino, MS

Phone 1: 518/262-3070

Fax: 518/262-6274

Email: hahna@mail.amc.edu

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Deceased Donor, Solid Organ Transplantation:

Live Donor, Histocompatibility Testing For Other Clinical

Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: CDC, Solid phase, Flow; HLA

Antibody Identification: CDC, Solid phase, Flow; Crossmatching:

Flow cytometry, CDC

11-1-NY-11-1

Columbia University, College of Physicians and Surgeons

Division of Immunogenetics

Department of Pathology and Cell Biology

630 West 168th Street, VC 15-204

New York, NY 10032

Director: Rodica Vasilescu, MD

2nd Director: George Vlad, PhD, D(ABHI)

General Supervisor: Rodica Vasilescu, MD

Phone 1: 212/305-6941

Fax: 212/305-3429

Email: ervl@cumc.columbia.edu

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Deceased Donor, Solid Organ Transplantation:

Live Donor, Histocompatibility Testing For Other Clinical

Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: CDC, Solid phase; HLA Antibody

Identification: CDC, Solid phase; Crossmatching: Flow cytometry,

CDC; Other Testing: Cellular

New Mexico

09-6-NM-01-1

TriCore Reference Laboratories

HLA and Molecular Diagnostics

Genetics & Cytometry Division

1001 Woodward Place, NE

Albuquerque, NM 87102

Director: Barbara J. Masten, MT, PhD, D(ABHI)

General Supervisor: Ivana Bononcini

Phone 1: 505/938-8400

Fax: 505/938-8410

Email: bmasten@salud.unm.edu

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Deceased Donor, Solid Organ Transplantation:

Live Donor, Histocompatibility Testing For Other Clinical

Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

Other Testing: Cellular, Chimerism

06-1-NY-05-1

Montefiore Medical Center

Transplant Immunology Laboratory
111 East 210th Street

Central Building, Room 420

Bronx, NY 10467

Director: Adriana Colovai, PhD

General Supervisor: Blanca Ponce-Ngo, MS, CHS, CHT

Phone 1: 718/920-5581

Phone 2: 718/920-8259

Fax: 718/515-7632

Email: bponcen@montefiore.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

10-1-NY-19-1

Mount Sinai Medical Center

Tissue Typing Laboratory

One Gustave L. Levy Place

Box 1024

New York, NY 10029

Director: S. Yoon Choo, MD

General Supervisor: Oksana Gudzowaty, CHS

Phone 1: 212/241-8810

Phone 2: 212/241-0839

Fax: 212/876-5994

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: CDC

HLA Antibody Identification: CDC

Crossmatching: CDC

02-1-NY-24-1

New York Blood Center

Fred H. Allen Laboratory of Immunogenetics

45-01 Vernon Blvd.

Long Island City, NY 11101

Director: Carmelita Carrier, PhD

General Supervisor: Carol Carpenter; Mary Kuo

Phone 1: 718/752-4717

Fax: 212/570-3393

Email: CCarrier@NYBloodCenter.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

10-1-NY-01-1

Rogosin Institute

Immunogenetics and Transplantation

430 East 71st Street

New York, NY 10021

Director: M. Suthanthiran, MD

General Supervisor: Arvind K. Menon, MS

Phone 1: 212/772-6700

Fax: 212/861-9473

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: CDC, Solid phase; HLA Antibody

Identification: CDC, Solid phase; Crossmatching: Flow

cytometry, CDC; Other Testing: Immunophenotyping; ABO/Rh Typing

07-1-NY-16-1

State University of New York at Stony Brook

Histocompatibility and Immunogenetics Laboratory

Department of Transplant

Health Sciences Center, T-19, Rm 040

Stony Brook, NY 11794-8192

Director: Allen Norin, PhD, D(ABHI)

General Supervisor: Lawrence Usher, MS

Phone 1: 631/444-1789

Fax: 631/444-8907

Email: anorin@downstate.edu

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: CDC

Other Testing: Chimerism

10-1-NY-17-1

SUNY Upstate Medical University

Histocompatibility Laboratory

750 East Adams Street

Syracuse, NY 13210

Director: Reut Hod Dvorai PhD, D(ABHI)

General Supervisor: Charlene A. Hubbell, MT, SBB

Phone 1: 315/464-4775

Phone 2: 315/464-7186

Fax: 315/464-6817 & 315/464-7187

Email: hubbellc@upstate.edu

Accreditation: HSC/BM Transplantation: Related Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: CDC

New York

03-1-NY-26-2

The Histogenetics Laboratory, Inc.

19 Bradhurst Ave, Ste 1100
Hawthorne, NY 10532
Director: Soo Young Yang, PhD
2nd Director: Nezhil Cereb, MD
Phone 1: 914/762-0300
Fax: 914/762-4441
Email: nezih@histogenetics.com

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
Next Generation Sequencing (NGS)

07-1-NY-20-1

Westchester Medical Center

Tissue Typing Laboratory
Grasslands Rd
Valhalla, NY 10595
Director: Angelo Arnold, PhD, D(ABHI)
General Supervisor: Jiali Shen, PhD
Phone 1: 914/493-8917
Phone 2: 914/493-8481
Fax: 914/493-1104
Email: Angelo.Arnold@wmchealth.org

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry

12-1-NY-09-2

IMMCO Diagnostics Immunogenetics

10 Earhart Drive
Williamsville NY, 14221
Director: Thomas Shanahan, PhD, ABMLI
General Supervisor:
Phone 1: 716/566-3977
Fax: 716/840-9500
Email:

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry; Next Generation Sequencing
(NGS)

12-1-NY-14-1

University of Rochester

University of Rochester Medical Center
Tissue Typing Laboratory
601 Elmwood Avenue, Room 2-3670
Strong Memorial Hospital
Rochester, NY 14642
Director: Myra Coppage, PhD, HCLD
General Supervisor: Angela Busacco
Phone 1: 585/275-0985
Fax: 585/271-7929
Email: myra_coppage@urmc.rochester.edu

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry

North Carolina

01-3-NC-17-1

American Red Cross – Carolinas Region

HLA Laboratory
2425 Park Road
Charlotte, NC 28203
Director: John Schmitz, PhD, D(ABHI)
General Supervisor: Pamela Killian
Phone 1: 704/347-8205
Fax: 704/347-8241
Email: killianp@usa.redcross.org

Accreditation: Histocompatibility Testing For Other Clinical
Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody
Identification: Solid phase
HPA Typing: Low resolution

02-3-NC-03-1

Carolinas Medical Center-Mercy Hospital

Immunology Laboratory
5040 Airport Center Pkwy
Building H
Charlotte, NC 28208
Director: Peter N. Lalli, Ph.D., D(ABHI)
General Supervisor: Sharon Mallory
Phone 1: 704/512-4953
Fax: 704/512-4919
Email: Peter.Lalli@carolinashealthcare.org;
Sharon.Mallory@carolinashealthcare.org

Accreditation: HSC/BM Transplantation: Related Donor, Solid
Organ Transplantation: Deceased Donor, Solid Organ
Transplantation: Live Donor, Histocompatibility Testing For Other
Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC

North Carolina

North Carolina

10-3-NC-05-1

Duke University Health System

Clinical Transplantation Immunology Laboratory

Pathology Department

CTIL Lab, Research Park Bldg. 3

14 Circuit Drive

Room 116, Box 3712

Durham, NC 27710

Director: Dongfeng Chen, PhD, D(ABHI)

General Supervisor/Manager: Wendy E. Hanshaw MS,

MT(ASCP),CHS

Phone 1: 919/684-3089

Fax: 919/684-9089

Email: dongfeng.chen@duke.edu; wendy.wegner@duke.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase, CDC; HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC
Other Testing: Cellular

07-3-NC-10-1

Laboratory Corporation of America Holdings

Paternity-Bone Marrow

1440 York Court Extension

Burlington, NC 27215

Director: George Maha, PhD

General Supervisor: Jerry Jones

Phone 1: 800/533-1037

Email: MahaG@Labcorp.com / HLACS@LabCorp.com

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Other
Testing: Chimerism

02-3-NC-06-1

Vidant Medical Center

Department of Pathology, Histocompatibility Laboratory

2100 Stantonsburg Road, P.O. Box 6028

Greenville, NC 27835

Director: Lorita Rebellato de-Vente, PhD, D(ABHI)

General Supervisor: Diane Veryser, MT(ASCP), CHS

Phone 1: 252/847-4941

Fax: 252/847-7460

Email: irebella@vidanthealth.com

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, Flow, Microarray; HLA Antibody Identification: Solid phase, Flow, Microarray;
Crossmatching: Flow cytometry

07-3-NC-16-1

University of North Carolina Hospitals - Histocompatibility Lab

McLendon Clinical Laboratories

Room 1053, East Wing

101 Manning Drive

Chapel Hill, NC 27514

Director: John Schmitz, PhD

2nd Director: Eric Weimer, PhD, D(ABMLI)

General Supervisor: Dana Collins, CHS

Phone 1: 919/966-4057

Phone 2: 919/966-2495

Fax: 919/966-7897

Email: Dana.Collins@unchealth.unc.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry; NGS

04-3-NC-08-1

Wake Forest University Baptist Medical Center

Histocompatibility Laboratory

Department of Surgery

145 Kimel Park Drive, Suite 250

Winston-Salem, NC 27157-1064

Director: Michael Gautreaux, PhD, D(ABHI)

General Supervisor: David Kiger, CHT, CHS

Phone 1: 336/716-4456

Phone 2: 336/716-2279

Fax: 336/774-7665

Email: dkiger@wfubmc.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, Solid Phase
Next Generation Sequencing (NGS)

North Dakota

01-4-ND-04-1

Sanford West

Sanford Histocompatibility Laboratory

222 N. 7th St.

Bismarck, ND 58501

Director: Smaroula Dilioglou, PhD

General Supervisor: Jolanta Belohlavek, CHT

Phone 1: 701/323-5457

Fax: 701/323-5874

Email:

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: CDC; ABO/Rh

Typing

02-4-ND-02-1

Sanford Transplant Services – Fargo

Histocompatibility Laboratory

801 Broadway N.

Fargo, ND 58122-1106

Director: Smaroula Dilioglou, PhD

General Supervisor: Karen Heisler

Phone 1: 701/234-2411 Phone 2: 701/234-2427

Fax: 701/234-2452

Email: Karen.Heisler@sanfordhealth.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase; HLA Antibody

Identification: Solid phase

Crossmatching: CDC

Ohio

09-2-OH-01-1

Cleveland Clinic

Allogen Laboratories

9500 Euclid Avenue

Desk C100

Cleveland, OH 44195

Director: Aiwen Zhang, PhD

General Supervisor: Mary Libby, BS, CHS, MT(ASCP)

Phone 1: 216/444-6582

Fax: 216/444-8261

Email: LibbyM@ccf.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular, HLA Typing

Class II: Serology, Molecular, Next Generation Sequencing

(NGS); HLA Antibody Detection: Solid phase, CDC; HLA

Antibody Identification: Solid phase, CDC; Crossmatching: Flow

cytometry, CDC

Other Testing: Chimerism; ABO Typing; KIR Typing: Low

Resolution Molecular

06-2-OH-07-1

Community Blood Center

Community Tissue Services

HLA Laboratory

349 South Main Street

Dayton, OH 45402-2715

Director: James L. Alexander, MD

General Supervisor: Karen Knox-Dean

Phone 1: 937/461-3661

Phone 2: 937-461-3295

Fax: 937/461-1958

Email:

Accreditation: Solid Organ Transplantation: Deceased Donor,

Solid Organ Transplantation: Live Donor, Histocompatibility

Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: CDC; ABO/Rh

Typing

10-2-OH-06-1

The Ohio State University Medical Center

Clinical Histocompatibility Laboratory

410 W. 10th Avenue

Room N935 Doan Hall

Columbus, OH 43210

Director: Hemant Parekh, PhD, D(ABHI)

General Supervisor: Nebila Abdulwahab,

BS-MT(CHS)

Phone 1: 614/293-8554

Fax: 614/293-8287

Email: Nebila.Abdulwahab@osumc.edu

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Deceased Donor, Solid Organ Transplantation:

Live Donor, Histocompatibility Testing for Other Clinical

Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Chimerism; Next Generation Sequencing (NGS)

10-2-OH-08-1

The University of Toledo Health Science Campus

Histocompatibility/Transplant Immunology

3055 Arlington Avenue, HEB-32

P.O. Box 10008

Toledo, OH 43614

Director: Amira F. Gohara, MD

General Supervisor: Mary Legg, BS, MT(ASCP), CHT

Phone 1: 419/383-4918

Fax: 419/383-3066

Email: agohara@meduohio.edu;

Mary.Schindler@rockets.utoledo.edu

Accreditation: Solid Organ Transplantation: Deceased Donor,

Solid Organ Transplantation: Live Donor, Histocompatibility

Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

Antibody Screening and Identification

Crossmatching: Flow Cytometry

07-2-OH-04-1

University Hospitals of Cleveland

Histocompatibility Laboratory
 Bishop Bldg, Room 6359
 11100 Euclid Avenue
 Cleveland, OH 44106
 Director: Neil Greenspan, MD, PhD
 General Supervisor: Peggy McCarthy, MT(ASCP), SBB, CHT
 Phone 1: 216/844-1225
 Fax: 216/844-5698

Accreditation: HSC/BM Transplantation: Related Donor,
 HSC/BM Transplantation: Unrelated Donor, Solid Organ
 Transplantation: Deceased Donor, Solid Organ Transplantation:
 Live Donor, Histocompatibility Testing For Other Clinical
 Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 HLA Antibody Detection: Solid phase, CDC
 HLA Antibody Identification: Solid phase, CDC
 Crossmatching: Flow cytometry, CDC
 Other Testing: Cellular

06-2-OH-02-1

University of Cincinnati

Histocompatibility Laboratory
 3130 Highland Avenue
 Hoxworth Blood Center
 Cincinnati, OH 45267-0055
 Director: Dr. Alin Girnita
 General Supervisor: Paul Brailey
 Phone 1: 513/558-1500 & 513/558-1505
 Fax: 513/558-1522
 Email: girnitan@ucmail.uc.edu; BRAILEPA@ucmail.uc.edu

Accreditation: HSC/BM Transplantation: Related Donor,
 HSC/BM Transplantation: Unrelated Donor, Solid Organ
 Transplantation: Deceased Donor, Solid Organ Transplantation:
 Live Donor, Histocompatibility Testing For Other Clinical
 Purposes
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 HLA Antibody Detection: Solid phase, CDC
 HLA Antibody Identification: Solid phase, CDC
 Crossmatching: Flow cytometry, CDC
 Other Testing: Chimerism

04-4-OR-02-1

Oregon Health & Science University

Laboratory of Immunogenetics & Transplantation
 2611 SW 3rd Ave. Suite 360
 Portland, OR 97201
 Director: Douglas Norman, MD
 2nd Director: Carley Shaut, PhD, D(ABHI)
 Laboratory Manager: Rouella Erhan
 Phone 1: 503/494-2893
 Fax: 503/494-7695
 Email: shautc@ohsu.edu; erhan@ohsu.edu

Accreditation: HSC/BM Transplantation: Related Donor,
 HSC/BM Transplantation: Unrelated Donor, Solid Organ
 Transplantation: Deceased Donor, Solid Organ Transplantation:
 Live Donor, Histocompatibility Testing For Other Clinical
 Purposes
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 HLA Antibody Detection: Solid phase
 HLA Antibody Identification: Solid phase
 Crossmatching: Flow cytometry, CDC
 ABO Typing

08-4-OR-01-1

Pacific Northwest Red Cross Blood

Tissue Typing Laboratory
 3131 N. Vancouver Avenue
 Portland, OR 97227
 Director: Zahra Mehdizadeh Kashi, PhD
 General Supervisor: Shonna Sims, BS, MBA
 Phone 1: 503/528-5754
 Phone 2: 503/280-0210
 Fax: 503/280-1483
 Email: zkashi@kashilab.com

Accreditation: Histocompatibility Testing For Other Clinical
 Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 Antibody Screening & Identification

10-4-OR-03-1

Kashi Clinical Laboratories, Inc.

10101 SW Barbour Blvd. Suite 200
 Tigard, OR 97219
 Director: Zahra Mehdizadeh Kashi, PhD
 General Supervisor: Russell Martin, CHS
 Phone 1: 503/206-4989
 Fax: 503/206-6939
 Email: zkashi@kashilab.com

Accreditation: HSC/BM Transplantation: Related Donor,
 HSC/BM Transplantation: Unrelated Donor, Histocompatibility
 Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
 HLA Typing Class II: Molecular
 Antibody Screening & Identification
 Monitoring for Engraftment: STR; NGS

10-5-OK-01-1

OU Medical Center

HLA Laboratory
1200 Everett Drive, EB400
Oklahoma City, OK 73104-5047
Director: Min Ling, MD, PhD, D(ABHI)
General Supervisor: Samantha Cooper, CHS
Phone 1: 405/271-7726
Phone 2: 405/271-7646
Fax: 405/271-7332
Email: Min.Ling@hcahealthcare.com;
Samantha.Cooper@hcahealthcare.com

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC
Other Testing: Cellular

03-5-OK-07-1

University of Oklahoma Health Science Center

Microbiology and Immunology
975 NE 10th Room 317
Oklahoma City, OK 73104
Director: William Hildebrand, PhD
General Supervisor: Steven Cate
Phone 1: 405/271-1203
Email: steven-cate@ouhsc.edu, joshua-cavett@ouhsc.edu

Accreditation: Histocompatibility Testing for Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular

08-5-OK-08-1

Diagnostics Laboratory of Oklahoma

Transplant Immunology
3300 NW Expressway
Oklahoma City, OK 73112
Director: Jeffrey McCormack, PhD, HCLD
General Supervisor: Cal Stone
Phone 1:
Fax:
Email:

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: CDC

12-2-PA-04-1

Albert Einstein Medical Center

Transplant Immunology Laboratory
5501 Old York Road
Tower Building, ground floor G-099
Philadelphia, PA 19141
Director: Sara Dionne, PhD
General Supervisor: David H. Lee, MS, CHS
Phone 1: 215/456-7075
Phone 2: 215/456-7073
Fax: 215/329-4445
Email:

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: CDC

05-2-PA-34-1

UPMC Pinnacle

HLA Laboratory
205 South Front Street
Harrisburg, PA 17104
Director: Harold C. Yang, MD, PhD
General Supervisor: Robert Scott, CHS, Kenneth Bogdanovich, CHS
Phone 1: 717/231-8864
Fax: 717/231-8857
Email: rscott@pinnaclehealth.org

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody
Identification: Solid phase; Crossmatching: Flow cytometry, CDC;
Other Testing: KIR Typing, Immune Function

01-2-PA-08-1

Hahnemann University Hospital

Histocompatibility Laboratory
Broad & Vine Streets
Room 558 NT, MS113
Philadelphia, PA 19102
Director: Pete Lalli, PhD, D(ABHI)
General Supervisor: Elizabeth Tecza, BS, CHT
Phone 1: 215/762-8602
Fax: 215/762-4277
Email: Elizabeth.Tecza@tenethealth.com

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Identification: Solid phase; Crossmatching: Flow
cytometry, CDC

Pennsylvania

02-2-PA-13-1

Allegheny General Hospital

Histocompatibility Laboratory
Department of Laboratory Medicine
320 East North Avenue
Pittsburgh, PA 15213

Director: Diane Pidwell, PhD, D(ABHI)

General Supervisor: George Parris, BS

Phone 1: 412/359-6780

Phone 2: 412/359-6784

Fax: 412/359-3044

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: CDC

Other Testing: Cellular

ABO Typing

02-2-PA-16-1

American Red Cross - Penn-Jersey Region

HLA/Molecular Genetics
7th & Spring Garden Streets
700 Spring Garden Street
Philadelphia, PA 19123

Director: Susan Hsu, PhD, D(ABHI), ABMLI

General Supervisor: Jonathan C. Barone, BS, CHT; Carly Carozza BS, CHT

Phone 1: 215/451-4131

Phone 2: 215/451-4273

Fax: 215/451-2535

Email: shsu@usa.redcross.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: CDC, Solid phase; HLA Antibody

Identification: CDC, Solid phase; Crossmatching: Flow cytometry, CDC; Other Testing: KIR Typing, Chimerism

Pennsylvania

05-2-PA-29-1

Temple University Medical School and Hospital

2-PAP Clinical Laboratory/Immunogenetics

3401 North Broad Street

2 Park Avenue Pavilion

Philadelphia, PA 19140

Director: Dr. Steve Geier

2nd Director: Dr. Olga Timofeeva

General Supervisor: Leena Mathew

Phone 1: 215/707-3415

Phone 2: 215/707-6959

Fax: 215/707-2053

Email: Steven.Geier@tuhs.temple.edu;

Olga.Timofeeva@tuhs.temple.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

11-2-PA-33-1

The Children's Hospital of Philadelphia

Immunogenetics/Clinical Laboratories

3615 Civic Center Blvd

707A Abramson Research Center

Philadelphia, PA 19104

Director: Dimitri S. Monos, PhD

General Supervisor: Dimitri S. Monos, PhD

Phone 1: 215/590-5648

Fax: 215/456-5691

Email: monosd@email.chop.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase, CDC

Crossmatching: Flow cytometry, CDC

Other Testing: Cellular, Chimerism; NGS

Pennsylvania

08-2-PA-02-1

Penn State Hershey Medical Center

Histocompatibility Laboratory
500 University Drive
PO Box 850, Room HG161B, Mail Code H140
Hershey, PA 17033
Director: Hiroko Shike, MD, D(ABHI)
General Supervisor: Lorie Kumer, CHS
Phone 1: 717/531-6264
Fax: 717/531-5409
Email: lkumer@hmc.psu.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry; Other Testing: Platelet Antibody Testing; Engraftment Monitoring/Chimerism

04-2-PA-22-1

Lehigh Valley Hospital

HLA Laboratory
Cedar Crest & I-78
P.O. Box 689
Allentown, PA 18105-1556
Director: Pete Lalli, PhD, D(ABHI)
General Supervisor: Jennifer Mendiolina, CHT
Phone 1: 610/402-8014

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC; Other Testing: Immunophenotyping

09-2-PA-12-1

University of Pittsburgh Medical Center

Histocompatibility Laboratories-UPMC
UPMC Clinical Laboratory Building
3477 Euler Way, Room 4035
Pittsburgh, Pennsylvania 15213
Director: Adriana Zeevi, PhD
General Supervisor: Lynn Nichol, BS, MT, CHS
Phone 1: 412/647-6151
Email: NICHLE@upmc.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC; HLA Antibody Identification: Solid phase, CDC; Crossmatching: Flow cytometry, CDC; Other Testing: Cellular, Chimerism

Pennsylvania

04-2-PA-05-1

Thomas Jefferson University Hospital

Immunogenetics and Tissue Typing Laboratory
111 South 11th Street
Room 8245, Gibbon Building
Philadelphia, PA 19107
Director: Beth Colombe, PhD, D(ABHI)
2nd Director: Yanping Huang, MD, PhD, D(ABHI)
General Supervisor: Dallas Nguyen, BSMT, ASCP, CHT
Phone 1: 215/955-6564
Fax: 215/923-8793
Email: Beth.Colombe@mail.tju.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC

01-2-PA-07-1

University of Pennsylvania Medical Center

Immunology Laboratory - Department of Pathology and Laboratory
3400 Spruce Street
7 Founders
Philadelphia, PA 19104
Director: Malek Kamoun, MD, PhD
General Supervisor: Jane Kearns
Phone 1: 215/662-4022
Phone 2: 215/662-6011
Fax: 215/349-5090 or 215/662-3538
Email: malekkam@mail.med.upenn.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody Identification: Solid phase, CDC; Crossmatching: Flow cytometry, CDC; NGS

05-2-PA-35-1

VRL Eurofins Philadelphia

401 N. 3rd Street; Suite 279
Philadelphia, PA 19123
Director: Sara Dionne, PhD
General Supervisor: Harun Rashid/Katelyn Klama, CHT
Phone 1: 866/393-2244
Email:

Accreditation: Pending
Tests: Pending

UNITED STATES (PR - SC)

Puerto Rico

09-3-PR-01-1

Hospital Auxilio Mutuo

Laboratorio de Inmunogenética

Avenida Ponce de Leon, #725

San Juan, PR 00918

Director: Philip Ruiz, MD, PhD

General Supervisor: Sally De Echegaray, MT, MS, CHS

Phone 1: 787/758-2000, ext 14

Phone 2: 787/753-8046

Fax: 787/766-4038

Email: sechegaray@auxiliomutuo.com

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

South Carolina

09-3-SC-01-1

Medical University of South Carolina

HLA/Tissue Typing Laboratory

165 Ashley Avenue, Suite 309

P O Box 250908

Charleston, SC 29425

Director: Omar Moussa, PhD, D(ABHI)

General Supervisor: Sheree Waslaske, BS, CHT, CHS(ABHI)

Phone 1: 843/792-4311

Fax: 843/792-0540

Email: waslaske@musc.edu;

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

South Dakota

02-4-SD-01-1

Avera McKennan Hospital

1325 South Cliff Ave.

P O Box 5045

Sioux Falls, SD55117

Director: Dr. Martin Oaks

General Supervisor: Ashley Snaza

Phone 1: 605/322-7239

Fax: 605/322-7138

Email: Ashley.Snaza@avera.org

Accreditation: Solid Organ Transplantation: Live Donor, Solid
Organ Transplantation: Deceased Donor,

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase; HLA Antibody

Identification: Solid phase

Crossmatching: Flow cytometry

09-3-TN-01-1

Mid-South Transplant Foundation

HLA Laboratory

8001 Centerview Parkway, Suite 302

Cordova, TN 38018

Director: James M. Mason, PhD

General Supervisor: Brett Loehmann, BS, CHT, CHS

Phone 1: 901/328-4466

Fax: 901/328-4464

Email: masonjim@aol.com

Accreditation: Solid Organ Transplantation: Deceased Donor,

Solid Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

07-3-TN-04-1

St. Jude Children's Research Hospital

HLA Laboratory, Department of Pathology

262 Danny Thomas Place

Memphis, TN 38105

Director: Paula Arnold, PhD, D(ABHI)

General Supervisor: Christy Embrey, MT, CHT, MBA

Phone 1: 901/595-3468

Phone 2: 901/595-3526

Fax: 901/595-5231

Email: christy.embrey@stjude.org

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing Clinical For Other Purposes, Transfusion Support**Tests:** HLA Typing Class I: Molecular; NGS

HLA Typing Class II: Molecular; NGS

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

KIR Typing: Low Resolution Molecular

05-3-TN-06-1

DCI Laboratory

Transplant Immunology

1616 Hayes Street, Ste. 1

Nashville, TN 37203

Director: Sallyanne Fossey, PhD, D(ABHI)

General Supervisor: Christina Sholar, MT(ASCP), CHS, Angie
Morris, CHS

Phone 1: 615/321-0212

Phone 2: 615/321-0226

Fax: 615/321-4880

Email: Sallyanne.Fossey@dcinc.org

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes**Tests:** HLA Typing Class I: Molecular; Next Generation
Sequencing (NGS); HLA Typing Class II: Molecular; Next
Generation Sequencing (NGS);

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase, CDC

Crossmatching: Flow cytometry, CDC

Other Testing: Chimerism

ABO Typing

KIR Typing: Low Resolution Molecular

05-3-TN-15-1

Tennessee Valley Healthcare System (TVHS) Nashville Campus

Tissue Typing Laboratory

1310-24th Avenue South, Rm. A20

Nashville, TN 37212

Director: Deborah Crowe, PhD, D(ABHI)

General Supervisor: Barbara Stephens

Phone 1: 615/873-6987

Fax: 615/873-6991

Email: Barbara.stephens@med.va.gov

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes, Transfusion Support**Tests:** HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase, CDC

Crossmatching: Flow cytometry, CDC

MICA Antibody Testing: Solid phase

07-5-TX-03-1

Baylor University Medical Center

Transplant Immunology Laboratory

3500 Gaston Avenue

L-0470, Y Wing

Dallas, TX 75246

Director: Medhat Askar, MD, PhD, D(ABHI)

Laboratory Manager: Lynne Klingman, MT(ASCP), CHS

Phone 1: 214/820-2119

Phone 2: 214/820-4602

Fax: 214/820-6384

Email: Medhat.askar@baylorhealth.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

05-5-TX-35-1

Scott & White Clinic & Hospital

HLA Laboratory, Division of Clinical Pathology

2401 South 31st Street

Temple, TX 76508

Director: Marcelo Pando Rigal, PhD, D(ABHI)

General Supervisor: Eva McKissick

Phone 1: 254/724-3905

Phone 2: 254/724-7956

Fax: 254/724-8437

Email: EMcKissick@sw.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

04-5-TX-25-1

M.D. Anderson Cancer Center, University of Texas

HLA Laboratory

6565 MD Anderson Blvd

Houston, TX 77030

Director: Kai Cao, MS, MD, D(ABHI)

2nd Director: Jun Zou, MD

Laboratory Manager: Edward Guerrero, BS, MT (ASCP)

Phone 1: 713/792-2658

Fax: 713/794-4773

Email: eguerrer@mdanderson.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Platelet Antibody Testing: Solid Phase

Other Testing: Cellular, Chimerism

KIR Typing: Molecular

Next Generation Sequencing (NGS)

05-5-TX-11-1

Southwest ImmunoDiagnostics, Inc.

8122 Datapoint Drive, Suite 912

San Antonio, TX 78229

Director: Cathi Murphey, PhD

General Supervisor: Cathi Murphey, PhD, CHS, MT(ASCP), DLM

Phone 1: 210/614-3703

Fax: 210/614-3707

Email: Cathi.murphey@swid-id.com

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor. Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Cellular, Chimerism

ABO Typing

Texas

09-5-TX-37-1

Texas Medical Specialty, Inc.

7777 Forest Lane, Building C Suite 768

Dallas, TX 75230

Director: Afzal Nikaein, PhD, CLD

General Supervisor: Sarah Hagerstom

Phone 1: 972/566-5794

Phone 2: 972/566-8478

Fax: 972/566-3897 or 972/566-4546

Email: nikaein@cs.com

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Deceased Donor, Solid Organ Transplantation:

Live Donor

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry, CDC:

Other Testing: KIR, Chimerism

03-5-TX-13-1

The Methodist Hospital

HLA and Transplant Immunology Lab

6565 Fannin - B280, M.S.B154

Houston, TX 77030-2707

Director: Dr. Todd Eagar

General Supervisor: Kimberly M. Taylor, BS, CHS, Jana Osbey,

CHS

Phone 1: 713/441-3127

Phone 2: 713/441-2662

Fax: 713/793-1213

Email: josbey@houstonmethodist.org

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Deceased Donor, Solid Organ Transplantation:

Live Donor, Histocompatibility Testing For Other Clinical

Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase; HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry, CDC

Other Testing: Chimerism

11-5-TX-06-1

The University of Texas Medical Branch

Tissue Antigen Laboratory

Children's Hospital JSRH 4.400.

301 University Boulevard

Galveston, TX 77555

Director: Dr. Jun Zou

General Supervisor: Christopher J. Garcia

Phone 1: 409/747-9550

Fax: 409/747-9555

Email: chrgarci@UTMB.EDU

Accreditation: HSC/BM Transplantation: Related Donor, Solid

Organ Transplantation: Deceased Donor, Solid Organ

Transplantation: Live Donor, Histocompatibility Testing For Other

Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

Antibody Screening and Identification; Flow, Crossmatching;

Flow Cytometry

Texas

03-5-TX-10-1

University Health System

Histocompatibility and Immunogenetics Laboratory
4502 Medical Drive

San Antonio, TX 78229

Director: Kelley Haarberg Hitchman, PhD, D(ABHI)

General Supervisor: Laura M. McNeish, BS, CHS, MT

Phone 1: 210/358-0760

Fax: 210/358-0777

Email: HLALAB@uhs-sa.com

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

Other Testing: Cellular, Chimerism

04-5-TX-05-1

Memorial Hermann-Texas Medical Center

Histocompatibility and Immune Evaluation Lab

6411 Fannin St.

R1-305

Houston, TX 77030

Director: Jerome Saltarrelli, PhD, D(ABHI)

General Supervisor: Raffella Lopa, CHT

Lab Manager: Trish Gaddison, MBA, CHT

Phone 1: 713/500- 7380

Phone 2: 713/500-7374

Fax: 713/500-0784

Email: Min.Ling@uth.tmc.edu; Jerome.G.Saltarrelli@uth.tmc.edu;

Trish.Gaddison@memorialhermann.org;

Raffaella.Lopa@memorialhermann.org

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Cellular

ABO Typing

03-5-TX-01-2

University of Texas Southwestern Medical Center

Histocompatibility Laboratory

2330 Inwood Road, Suite EB3/230B

Dallas, TX 75235-8886

Director: Chantale Lacelle, PhD, D(ABHI)

General Supervisor: Robert Vorhaben, CHS

Phone: 214/648-0900

Fax: 214/648-0910

Email: Robert.Vorhaben@utsouthwestern.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Live Donor, Solid Organ Transplantation: Deceased Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Cellular

ABO Typing

Utah

09-4-UT-01-1

University of Utah Health

Histocompatibility and Immunogenetics Laboratory

417 Wakara Way

Suite 3220

Salt Lake City, UT 84108

Director: Eszter Lazar-Molnar, PhD, D(ABHI)

2nd Director: Julio C. Delgado, MD

General Supervisor: Michelle R. Taylor, BS, MT(ASCP)

Phone 1: 801/581-3116

Fax: 801/585-3670

Email: Michelle.Taylor@hsc.utah.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular; Next Generation

Sequencing (NGS); HLA Typing Class II: Molecular; Next

Generation Sequencing (NGS); HLA Antibody Detection: Solid

phase; HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry

Vermont

01-1-VT-01-1

The University of Vermont Medical Center

Histocompatibility Laboratory
MCHV Campus ACC EP1-100
111 Colchester Avenue
Burlington, VT 05401

Director: Mark K. Fung, MD, PhD, FCAP
General Supervisor: Paulette Hammond, MT
Phone 1: 802/847-3680
Fax: 802/847-4806

Accreditation: Solid Organ Transplantation: Live Donor,
Histocompatibility Testing for Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase, AHG
HLA Antibody Identification: Solid phase
Crossmatching: CDC

Virginia

09-3-VA-04-1

Henrico Doctors' Hospital

Transplant Immunology
7611 Forest Ave., Suite 340
Richmond, VA 23229

Director: Howard Gebel, PhD, D(ABHI)
2nd Director: Robert Bray, PhD, D(ABHI)
3rd Director: David Eckels, PhD, D(ABHI)
General Supervisor: Charie Breitenbach, MT, CHS
Phone 1: 804/285-5132
Phone 2: 804/285-5127
Fax: 804/285-5126
Email: Charlene.Breitenbach@HCAHealthcare.com

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry

07-3-VA-03-1

Medical College of Virginia

HLA and Immune Monitoring Laboratory
737 North 5th Street, Suite 100
Richmond, VA 23219

Director: Pamela Kimball, PhD, HCLD
General Supervisor: Beth Wagner, BS, CHT
Phone 1: 804/828-9543
Fax: 804/828-3433
Email: pkimball@gems.vcu.edu

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC

Virginia

08-3-VA-02-1

Sentara Norfolk General Hospital

Transplant Immunology Laboratory
600 Gresham Drive
Second Floor B Wing
Norfolk, VA 23507

Director: Howard Gebel, PhD, D(ABHI)
2nd Director: Robert Bray, PhD, D(ABHI)
General Supervisor: Tracy McRacken MT(ASCP), CHS
Phone 1: 757/388-3114
Phone 2: 757/388-2493
Fax: 757/388-3277
Email: ttmcraack@sentara.com

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry
Other Testing: Cellular

04-3-VA-01-1

University of Virginia Health Sciences Center

Histocompatibility Laboratory, Transplant Center
Box 800265
Third Floor, Room #3805, OMS
Charlottesville, VA 22908

Director: Peter I. Lobo, MD
General Supervisor: Sarah Weaver
Phone 1: 434/924-5086
Fax: 434/982-4147
Email: SD9K@hscmail.mcc.virginia.edu

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC

Washington

01-4-WA-03-1

Vitalant (formerly Inland Northwest Blood Center)

HLA Laboratory

210 W. Cataldo

Spokane, WA 99201

Director: Ellen Klohe, PhD, D(ABHI)

General Supervisor: Kim Holden, BS, CHS

Phone 1: 509/232-4490

Fax: 509/232-4528

Email: eklohe@inbc2.org, kholden@inbc2.org

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes, Transfusion Support

Tests HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry, CDC

07-4-WA-01-1

Bloodworks Northwest

Immunogenetics Laboratory

921 Terry Avenue

Seattle, WA 98104-1256

Director: Paul Warner, PhD, D(ABHI)

Director: Idoia Gimferrer M.D., Ph.D.

General Supervisor: Danny Youngs, BS, CHS; Michelle Iverson,
CHS

Phone 1: 206/292-1860

Fax: 206/292-6582

Email: PWarner@BloodWorksNW.org

Accreditation: Solid Organ Transplantation: Deceased Donor,
Solid Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

10-4-WA-01-2

Seattle Cancer Care Alliance

Clinical Immunogenetics Laboratory

825 Eastlake Ave. E, G7-200

PO Box 19023

Seattle, WA 98109-1023

Director: Gansuvd Balgansuren, MD, PhD, D(ABHI)

General Supervisor: Nakita Shelton, BS, CHS; Lois Regen, MS,
CHS; Sandra Warnock, BS, CHT

Phone 1: 206-288-1147

Phone 2: 206-288-6663

Fax: 206-288-1169

Email: gbalgans@seattlecca.org; lregen@seattlecca.org

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Molecular

NGS Typing

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Other Testing: Chimerism

Washington

03-4-WA-05-1

Scisco Genetics, Inc.

1551 Eastlake Ave East, Suite #1

Seattle, WA 98102

Director: Shalini Pereira, PhD, D(ABHI)

Phone 1:

Email: spereira@sciscogenetics.com

Accreditation: Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

Next Generation Sequencing (NGS)

01-4-WI-03-2

University of Wisconsin Hospital

HLA/Molecular Diagnostics Laboratory
600 Highland Avenue, Room D4/231
Madison, WI 53792

Director: Thomas Ellis, PhD, D(ABHI)
2nd Director: Luis Hidalgo, PhD, D(ABHI)
General Supervisor: Kathleen Meuer, MT(ASCP), CHT; Philip Brown, MT(ASCP)
Phone 1: 608/263-8815
Phone 2: 608/263-8808
Fax: 608/263-9610
Email: kmeuer@uwhealth.org

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC
KIR Typing: Low Resolution Molecular

09-4-WI-05-1

Aurora St. Luke's Medical Center

HLA Laboratory
2900 W. Oklahoma Avenue
Milwaukee, WI 53215
Director: Martin K. Oaks, PhD
General Supervisor: Sandra Hansen, MLS(ASCP)
Phone 1: 414/649-7825
Fax: 414/385-1920

Accreditation: Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes

Tests HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC

11-4-WI-04-1

Versiti Wisconsin, Inc.

Histocompatibility Laboratory
638 N. 18th Street
Milwaukee, WI 53233
Director: Jennifer Schiller, PhD, D(ABHI)
General Supervisor: Karen L. Pierce, BS, CHS
Phone 1: 414/937-6262
Fax: 414/937-6202
Email: Karen.Pierce@bcw.edu

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC
Other Testing: Chimerism
KIR Typing: Molecular
Next Generation Sequencing (NGS)

Manitoba

12-9-MB-01-1

CancerCare Manitoba

HLA Laboratory
675 McDermot Avenue
Room MS739C
Winnipeg, Manitoba, MB R3E 0V9 Canada
Director: Ronald K. Charlton, PhD, HCLD
General Supervisor: Luvinia Kwan, MD
Phone 1: 204/787-7095
Fax: 204/787-2226

Email: lkwan@hsc.mb.ca; KJacobson@exchange.hsc.mb.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
Other Testing: Chimerism

Ontario

07-9-ON-01-1

Canadian Blood Services

HLA Laboratory
1800 Alta Vista Drive
Ottawa, Ontario, ON K1G 4J5 Canada
Director: Robert Liwski, MD
Phone 1: 613/739-2432
Fax: 613/739-2050
Email: vito.scalia@blood.ca

Accreditation: Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
KIR Typing: Low Resolution Molecular

09-9-ON-05-1

St Joseph's Healthcare

Tissue Typing and Histocompatibility Laboratory
Room L409 Luke Wing
50 Charlton Ave, East
Hamilton, ON L8N 4A6
Director: Jianping Li, MD, D(ABHI)
General Supervisor: Sara Joseph, MLT
Phone 1: 905/522-1155, ext 34090
Fax: 905/522-6750
Email:

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC

12-9-ON-02-1

London Health Sciences Centre

Transplantation Immunology Laboratory
339 Windermere Road
London, Ontario, ON N6A 5A5 Canada
Director: Qingyong Xu, PhD, D(ABHI)
General Supervisor: Steve Leckie, BS, CHS, MLT(CSLT)
Phone 1: 519/663-3086
Fax: 519/663-3687
Email: Qingyong.Xu@lhsc.on.ca

Accreditation: HSC/BM Transplantation: Related Donor, Solid
Organ Transplantation: Deceased Donor, Solid Organ
Transplantation: Live Donor, Histocompatibility Testing For Other
Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC; HLA Antibody
Identification: Solid phase
Crossmatching: Flow cytometry, CDC

10-9-ON-04-1

The Ottawa Hospital-General Campus

Tissue Typing, DNA Diagnostics and Flow Cytometry
501 Smyth Road
CCW-Room 4155
Ottawa, Ontario, ON K1H 8L6 Canada
Director: Jianping Li, MD, D(ABHI)
General Supervisor: Denise Pearson, MLT
Phone 1: 613-737-8899 ext. 79122
Fax: 613/739-6101
Email: dpearson@toh.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase; HLA Antibody
Identification: Solid phase
Crossmatching: Flow cytometry, CDC

06-9-ON-03-1

University Health Network

Regional Histocompatibility Laboratory
67 College Street
Toronto, Ontario, ON M5G 2M1 Canada
Director: Dr. Neal den Hollander
2nd Director: Kathryn Tinkam MD MMSc FRCPC
3rd Director: Jinguo Wang, PhD, D(ABHI)
General Supervisor: Chang-Ming Ng, Alice van Oosterwijk
Phone 1: 416/340-4995
Fax: 416-340-3133

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular; Next Generation
Sequencing (NGS); HLA Typing Class II: Molecular; Next
Generation Sequencing (NGS); HLA Antibody Detection: Solid
phase, HLA Antibody Identification: Solid phase; Crossmatching:
CDC, Flow

Quebec

09-9-QU-03-1

CHU de Quebec-Universite Laval

Immunology and Histocompatibility laboratory

2705 Laurier Boulevard, Room S-750

Quebec, QC, Canada G1V 4G2

Director: Eric Wagner, PhD, D(ABHI)

General Supervisor: Annie Mimeault, MT

Phone 1: 418/525-4097

Fax: 418/525-4524

Email: eric.wagner@chuq.qc.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC

04-9-QU-04-1

Hema Quebec

4045 Cote-Vertu Blvd

Saint-Laurent, QC, Canada, H4R 2W7

Director: Lucie Richard, PhD, D(ABHI)

General Supervisor: Élise Trudel

Phone 1: 514/832-5000

Fax: 514/904-8559

Email: lucie.richard@hema-quebec.qc.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular

05-9-QU-05-1

Maisonneuve Rosemont Hospital

Molecular Biology Laboratory / HLA

5415 l'Assomption Boulevard

Polyclinic, 1st floor, room 165

Montreal, PQ, Canada

H1T 2M4

Director: Marie-Christine Meunier, PhD, D(ABHI)

General Supervisor: Marie Christine Meunier, PhD

Phone 1:

Email: lucie.richard@hema-quebec.qc.ca;

mariec.meunier@videotron.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular; Next Generation Sequencing
(NGS);

03-9-QU-06-1

McGill University Health Centre

Histocompatibility and Immunogenetics Laboratory

E04-5049

1001 Boulevard Decarie

Montreal, Quebec Canada H4A 3J1

Director: Chee Loong Saw, PhD

General Supervisor: Fernando Echeverry, PhD

Email: CheeLoong.Saw@MUHC.MCGILL.CA

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, HLA Antibody
Identification: Solid phase; Crossmatching: Flow cytometry, CDC

Alberta

11-9-AB-01-1

Alberta Public Laboratories

Histocompatibility & Immunogenetics Laboratory

9, 3535 Research Road NW

Calgary, Alberta T2L 2K8 Canada

Director: Nouredine Berka, PhD, D(ABHI)

Phone 1: 403/770-3655

Fax: 403/770-3738

Email: Nouredine.Berka@cls.ab.ca

Accreditation: HSC/BM Transplantation: Related Donor, Solid
Organ Transplantation: Deceased Donor, Solid Organ
Transplantation: Live Donor, Histocompatibility Testing For Other
Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry

02-9-AB-02-1

Alberta Public Laboratories

Histocompatibility Laboratory

Rm. 4B4.24, 8440-112 Street

Edmonton, AB T6G 2B7 Canada

Director: Patricia Campbell, MBChB, FRCP(Edin), FRCPC

General Supervisor: Kirsten Tronsgard, Newson Ly, Deanna Manna,

Anne Halpin

Phone 1: 780-407-8881

Fax: 780-407-7930

Email: kirsten.tronsgard@ahs.ca

Accreditation: Solid Organ Transplantation: Live Donor, Solid
Organ Transplantation: Deceased Donor
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
Crossmatching: Flow cytometry

Saskatchewan

05-9-SK-01-1

Dr. Marc Baltzan HLA Laboratory

St. Paul's Hospital, Saskatoon Health Region
1702 20th Street West
Saskatoon, SK S7M 0Z9
Canada

Director: Qingyong Xu, PhD, D(ABHI)

General Supervisor: Elly Johnson

Phone 1: 306/655-5025

Fax: 306/655-5667

Email: Qingyong.Xu@saskatoonhealthregion.ca;

Elly.Johnson@saskatoonhealthregion.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

British Columbia

10-9-BC-02-1

Vancouver General Hospital

Immunology Laboratory
JPN1 910 West 10th Avenue
Vancouver, BC V5Z 1M9 Canada

Director: Paul A. Keown

2nd Director: Lenka Allan, PhD, D(ABHI)

General Supervisor: Angela Willshire

Email: paul_keown@yahoo.com; Angela.Willshire@vch.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes, Transfusion Support

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry, CDC;

Other Testing: Immunophenotyping; NGS

Nova Scotia

09-9-NS-01-1

Queen Elizabeth II Health Science Center

Nova Scotia Health Authority HLA Laboratory
5788 University Ave, Mackenzie Bldg, Room 630
B3H 1V8, Halifax, Nova Scotia, Canada

Director: Robert Liwski, MD

Phone:

Fax:

Email: Robert.Liwski@cdha.nshealth.ca

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Serology, Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

Central & South America

Brazil

06-9-BR-03-1

Hospital Israelita Albert Einstein

Histocompatibility Laboratory

Albert Einstein 627, 2 andar, Bloco E

São Paulo – SP

Brazil

Cep 05651-901

Director: Margareth Afonso Torres, MD

General Supervisor:

Phone 1: 55 11 21512112

Fax: 55 11 21510408

Email: margareth.torres@einstein.br

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor

Tests: HLA Typing Class I: Molecular; Next Generation

Sequencing (NGS);

HLA Typing Class II: Molecular; Next Generation Sequencing (NGS);

Mexico

02-9-MX-02-1

Instituto de Diagnostico y Referencia Epidemiologicos

Department of Immunology & Immunogenetics, InDRE

Francisco P. Miranda # 177. Colonia Lomas de Plateros. Del. Álvaro Obregón, México DF, 01480 México

Director: Clara Gorodezky Lauferman, DSc

Phone 1: 52/55-53424569

Phone 2: 52/55-53427550, 357, 361, 364

Fax: 011/39-01-057-37237

Email: cgorodea@sni.conacyt.mx

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Parentage Testing,

Histocompatibility Testing For Other Clinical Purposes, Solid

Organ Transplantation: Live Donor

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase, HLA Antibody

Identification: Solid phase; Crossmatching: Flow cytometry, CDC:

Other Testing: Chimerism, KIR Typing

Germany

09-9-DR-02-1

DKMS Life Science Lab

St. Petersburger Strasse 2
Dresden, Germany 01069

Director: Dr. Monika Fuessel

Technical Supervisor: Margot Weber, MS

Phone 1: 011/49-351-450-4530

Fax: 011/49-351-450-4545

Email: info@medmoldia.de

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; HLA Typing Class II:
Molecular; HLA Antibody Detection: Solid phase, HLA Antibody
Identification: Solid phase; Crossmatching: CDC; NGS

09-9-DR-01-1

Institute for Transplantation Diagnostics and Cell Therapeutics

University of Düsseldorf

Moorenstr.5, Bldg. 14.80

Düsseldorf, 40225 Germany

Director: Jurgen Enczmann, PhD

General Supervisor: Gabi Tillmann

Phone 1: 011/49-211-81-19545

Phone 2: 011/49-211-81-86865

Fax: 011/49-211-81-19147

Email: itz@uni-dusseldorf.de

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular
Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: CDC; Other Testing: ABO Typing, KIR Typing:
Molecular; Next Generation Sequencing (NGS)

10-9-BK-01-1

Stefan-Morsch Foundation

HLA Laboratory

Stefan-Morsch -Stiftung

Dambacher Weg 3

D-55765

Birkenfeld, Germany

Director: Dr. Marco Schaefer

Phone 1: 011/49-6782-993340

Fax: 011/49-6782-993344

Email: marco.schaefer@stefan-morsch-stiftung.de

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC

Italy

11-9-IT-04-1

Centro Regionale Di Immunoematologia E Tipizzazione Tissutale

Az.ASL L'Aquila

Ospedale S.Salvatore Via Lorenzo Natali,1

L'Aquila, Italy 67100

Director: Dr. Franco Papola

General Supervisor: Carla Cervelli

Phone 1: 0039 (0) 862-368-236

Fax: 0039 (0) 862-368-603

Email: critt@asl1abruzzo.it; fpapola@asl1abruzzo.it

Accreditation: HSC/BM Transplantation: Related Donor,
Solid Organ Transplantation: Deceased Donor, Solid Organ
Transplantation: Live Donor, Histocompatibility Testing For
Other Clinical Purposes, Transfusion Support

Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: Flow cytometry, CDC
Other Testing: Chimerism

02-9-IT-05-1

Seconda Università di Napoli

Segreteria Direzione Immunoematologia

Piazza Miraglia 2- CAP

80138 Napoli, Italia

Director: Claudio Napoli, MD, PhD, MBEth, FACA

Phone 1: 081/5665067

Fax: 081/5665092

Email: direzione.immunoematologia@unina2.it;

claudio.napoli@unina2.it

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Transfusion Support

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase, CDC
HLA Antibody Identification: Solid phase, CDC
Crossmatching: CDC
Other Testing: ABO/Rh Typing

Italy

11-9-IT-03-1

Istituto CNR per i Trapianti d'Organo e l'Immunocitologia – Sezione di Roma

Univ. di Roma “Tor Vergata”

c/o Osp. S. Camillo, P/le Dell'Umanesimo 10

Rome, 00144 Italy

Director: Antonina Piazza, PhD

General Supervisor: Isabella Monaco, Giuseppina Ozzella,

Elvira Poggi

Phone 1: 011/39-06-510-02293

Phone 2: 011/39-06-510-02294

Fax: 011/39-06-591-8935

Email: antonina.piazza@cnr.it

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase
Crossmatching: Flow cytometry, CDC

Australia

12-9-AU-05-1

Australian Red Cross Blood Service

Victorian Transplantation and Immunogenetics Service
100-154 Batman Street
West Melbourne

Victoria, 3003 Australia
Director: James McCluskey, MD
General Supervisor:
Phone 1: 011/61-3-9694-0354
Fax: 011/61-3-9328-8232
Email: ckanaan@redcrossblood.org.au

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Serology, Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Serology, Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: CDC

02-9-AU-01-1

Australian Red Cross Blood Service-NSW

Tissue Typing Laboratory
17 O'Riordan Street
Alexandria, NSW, 2015 Australia

Director: James McCluskey, MD
Phone 1: 011/61-2-9234-2356
Email: NWatson@redcrossblood.org.au

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Molecular; Next Generation Sequencing (NGS); HLA Typing Class II: Molecular; Next Generation Sequencing (NGS); HLA Antibody Detection: Solid phase, CDC; HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry

04-9-AU-02-1

Royal Brisbane and Women's Hospital

Tissue Typing Laboratory, Division of Immunology
4/F, Block 7 Pathology Queensland Central
Herston, Queensland. 4029
Australia

Director: Dr. Lloyd D'Orsogna
2nd Director: Ian Frazer, FRCP, FRCPA, MD
General Supervisor: Shui-Cheong Lee, MAppSC, MBA
Phone 1: 011/07-3240-2251
Email: Alycia.Thornton@health.qld.gov.au;
David.Gillis@health.qld.gov.au

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Serology, Molecular; HLA Typing Class II: Serology, Molecular; HLA Antibody Detection: Solid phase, CDC; HLA Antibody Identification: Solid phase, CDC; Crossmatching: Flow cytometry, CDC

07-9-AU-03-1

Australian Red Cross Blood Service-SA

Transplant Services
301 Pirie Street
Adelaide, SA Australia
Director: James McCluskey, MD
General Supervisor: Ian Humphreys
Phone 1: 011/618-8422-1200
Phone 2: 011/618-8223-3317
Fax: 011/618-8223-3317

Email: IHumphreys@redcrossblood.org.au

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes, Transfusion Support
Tests: HLA Typing Class I: Serology, Molecular
HLA Typing Class II: Serology, Molecular
HLA Antibody Detection: Solid phase
HLA Antibody Identification: Solid phase, CDC
Crossmatching: CDC

01-9-AU-07-1

PathWest Laboratory Medicine WA

Department of Clinical Immunology
Fiona Stanley Hospital
102-118 Murdoch Drive
Murdoch, WE 6150 Australia
Director: Dr. Lloyd D'Orsogna
General Supervisor: Campbell Witt, PhD
Phone 1: 011/61-88-9224-2683
Fax: 011/61-88-9224-2920
Email: Steve.Pummer@health.wa.gov.au

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM Transplantation: Unrelated Donor, Solid Organ Transplantation: Deceased Donor, Solid Organ Transplantation: Live Donor, Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular; HLA Typing Class II: Molecular; HLA Antibody Detection: Solid phase, HLA Antibody Identification: Solid phase; Crossmatching: Flow cytometry, CDC

05-9-AU-08-1

Murdoch University

Institute for Immunology and Infectious Disease
Level 1 D Block
Wellington Street
Perth, WA, 6000 Australia
Director: Prof. Simon Mallal
Email: p.egan@iuid.com.au

Accreditation: Histocompatibility Testing For Other Clinical Purposes
Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular

China

06-9-CH-02-1

Queen Mary Hospital

Division of Transplantation and Immunogenetics

Department of Pathology

Room 13-024, Block T

Hong Kong

Director: Dr. Janette Kwok

General Supervisor:

Phone 1: 852/2255-2536

Fax: 852/2527-9122

Email: kwoksy@ha.org.hk

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM

Transplantation: Unrelated Donor, Solid Organ Transplantation:

Deceased Donor, Solid Organ Transplantation: Live Donor,

Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Serology, Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: CDC

KIR Typing: Low Resolution Molecular

08-9-CH-04-1

The First Affiliated Hospital of Soochow University

Histocompatibility & Molecular Genetics Laboratory

708 Renmin Road

Suzhou, China 215007

Director: Dr. Susan Hsu

General Supervisor: Dr. Jun He

Phone: 86-512-67780140

Fax: 86-512-65230113

Email: junhe1964@163.com

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM

Transplantation: Unrelated Donor

Tests: HLA Typing Class I: Molecular, HLA Typing Class II:

Molecular

09-9-CH-06-1

CapitalBio Technology

HLA Typing Laboratory

Building C, No. 88 Kechuang 6th Street

Beijing Economic-Technological Development District

Beijing 101111, China

Director: Dr. Dongfeng Chen

General Supervisor:

Phone: 86-10-61777510

Fax: 86-10-80726898

Email: joutyang@capitalbiotech.com;xiangliu@capitalbiotech.com

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM

Transplantation: Unrelated Donor, Histocompatibility Testing For Other

Clinical Purposes

Tests: HLA Typing Class I: Molecular HLA Typing Class II: Molecular

05-9-CH-07-1

Xiamen Bio Bay Medical Health Co., Ltd.

Xiamen Bio Bay Medical Laboratory

No. 3, Building 3F, No. 2004, West Wengjiao Road,

Haicang District, Xiamen City, Fujian Province,

361027, P.R. China

Director: Yenhui Chang, MD, PhD

General Supervisor: Yenhui Chang, MD, PhD

Phone 1: (+86) 0592-6883288

Fax: (+86) 0592-6317652

Email: susan@tgbio.com

Accreditation: Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

05-9-CH-08-1

Thermo Fisher HLA Service Laboratory

2nd Floor, Building No.10, 28 Yuhua Road, Area B

Tianzhu Airport Industrial Zone

Beijing 101300, China

Directors: Dr. Susan Hsu & Dr. Jarhoo Lee

General Supervisor: Lidong Wang

Phone 1: (86-10)58085808

Fax: (86-10)-67806535

Email: Thomas.Hsiao@thermofisher.com;

Lidong.Wang@thermofisher.com

Accreditation: HSC/BM Transplantation: Related Donor, Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

New Zealand

03-9-NZ-01-1

New Zealand Blood Services - Auckland

Tissue Typing Laboratory

71 Great South Road

Epsom

Private Bag 92071

Auckland, New Zealand 1142

Director: Heather Dunckley, PhD

General Supervisor: Colleen Behr

Phone 1: 0064/95235731

Phone 2: 0064/95235733

Fax: 0064/95235761

Email: colleen.behr@nzblood.co.nz

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM

Transplantation: Unrelated Donor, Solid Organ Transplantation:

Deceased Donor, Solid Organ Transplantation: Live Donor,

Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Serology, Molecular, Next Generation

Sequencing (NGS);

HLA Typing Class II: Serology, Molecular, Next Generation Sequencing (NGS);

HLA Antibody Detection: Solid phase, CDC

HLA Antibody Identification: Solid phase, CDC

Crossmatching: Flow cytometry, CDC

04-9-SA-05-1

King Faisal Specialist Hospital and Research Center Gen. Org - Jeddah

Immunopathology/Immunoserology/Molecular Virology

Department of Pathology and Laboratory Medicine

40047,Jeddah 21499, KSA.

Director: Ashraf Dada, MD, PhD,FACHARZT

General Supervisor:

Phone 1:

Phone 2:

Fax:

Email: A.dada@kfshrc.edu.sa; oalsuraihi@kfshrc.edu.sa

Accreditation: HSC/BM Transplantation: Related Donor,

Solid Organ Transplantation: Live Donor,

Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; HLA Typing Class

II: Molecular; HLA Antibody Detection: Solid phase, HLA

Antibody Identification: Solid phase; Crossmatching: Flow

cytometry

11-9-SA-04-1

King Abdulaziz Medical City – MNGHA

Department of Pathology and Lab Medicine

Khashmlaan Road

Riyadh, postal Code 11426

King Abdulaziz Medical City – Ministry of National Guard

Health Affairs

Saudi Arabia

Director: Dr. Ali Hajeer

General Supervisor:

Phone 1:

Phone 2:

Fax:

Email: alborikanma@NGHA.MED.SA;

SharariM@NGHA.MED.SA; BamefleH@NGHA.MED.SA;

ali.hajeer@gmail.com

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor, Solid Organ

Transplantation: Deceased Donor, Solid Organ

Transplantation: Live Donor, Histocompatibility Testing

For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; HLA Typing Class

II: Molecular; HLA Antibody Detection: Solid phase, HLA

Antibody Identification: Solid phase; Crossmatching: Flow

cytometry; Other Testing: NGS

Saudi Arabia

08-9-SA-01-1

King Faisal Specialist Hospital and Research Center

Immunopathology Section, MBC 10

Riyadh, Saudi Arabia 11211

Director: Moheeb Al-Awwami, Ph.D., CHT, CHS, D(ABHI)

General Supervisor: Fadi Alzayer, CHT, CHS(ABHI)

Email: awwami@kfshrc.edu.sa

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM

Transplantation: Unrelated Donor, Solid Organ Transplantation:

Deceased Donor, Solid Organ Transplantation: Live Donor,

Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular

HLA Typing Class II: Molecular

HLA Antibody Detection: Solid phase

HLA Antibody Identification: Solid phase

Crossmatching: Flow cytometry, CDC

03-9-SA-02-1

Department of Pathology and Laboratory Medicine

Histocompatibility & Immunogenetics Laboratory

King Fahad Specialist Hospital – Dammam

PO Box 15215

Dammam 31444

Saudi Arabia

Director: Rabab Al Attas, MD, D(ABHI)

General Supervisor: Mohammed Awaji, Saber Jamaan

Zahrani & Adel Shawhatti

Email: Rabab.Attas@kfsh.med.sa

Accreditation: HSC/BM Transplantation: Related Donor, HSC/BM

Transplantation: Unrelated Donor, Solid Organ Transplantation:

Deceased Donor, Solid Organ Transplantation: Live Donor,

Histocompatibility Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; HLA Typing Class II: Molecular;

HLA Antibody Detection: Solid phase, HLA Antibody Identification:

Solid phase; Crossmatching: Flow cytometry, CDC; Other Testing:

Chimerism

Turkey

02-9-TK-01-1

Acibadem Labmed Ankara

HLA Typing Laboratory

Asagi Öveçler Mah. Lizbon Caddesi (eski 2. Cadde), 37/1

Cankaya, Ankara, Turkey 06460

Director: Dr. Nezh Cereb

General Supervisor: Dr. Engin Yilmaz

Phone 1:

Phone 2:

Fax:

Email: ibrahim.unsal@acibademlabmed.com.tr;

engin.yilmaz@acibadem.edu.tr

Accreditation: HSC/BM Transplantation: Related Donor,

HSC/BM Transplantation: Unrelated Donor

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular

Qatar

09-9-QA-01-1

**Department of Laboratory Medicine & Pathology
Hamad Medical Corporation, Doha, Qatar**

Histocompatibility & Immunogenetics Laboratory

Alkhaleej Street

Hamad Medical City, PO Box 3050

Doha, Qatar

Director: Mohamed Yousif Elkhalfifa, MD, PhD

General Supervisor:

Phone 1: (+974) 4439-5291

Phone 2: (+974) 4439-2037

Fax: (+974) 4439-5295

Email: melkhalifa@hamad.qa

Accreditation: HSC/BM Transplantation: Related Donor,
Solid Organ Transplantation: Deceased Donor, Solid
Organ Transplantation: Live Donor, Histocompatibility
Testing For Other Clinical Purposes

Tests: HLA Typing Class I: Molecular; HLA Typing Class
II: Molecular; HLA Antibody Detection: Solid phase, HLA
Antibody Identification: Solid phase; Crossmatching: Flow
cytometry; Other Testing: Chimerism

Far East & Pacific

Taiwan

02-9-TW-03-1

TBG Biotechnology Corp.

Molecular Typing Laboratory

13F., No.237, Sec. 1, Datong Rd., Xizhi Dist.

New Taipei City

Taiwan 22161

Director: Yenhui Chang, PhD, MD, D(ABHI)

Phone 1: 886/2-77417777

Fax: 886/2-27856120

Email: Susan@tgbio.com

Accreditation: Histocompatibility Testing For Other
Clinical Purposes

Tests: HLA Typing Class I: Molecular
HLA Typing Class II: Molecular

Singapore

10-9-SI-01-1

Health Science Authority

Centre for Transfusion Support

11 Outram Road

Singapore, S169078

Director: Marieta Chan, PhD

Email: Marieta_chan@hsa.gov.sg

Accreditation: HSC/BM Transplantation: Related Donor,
HSC/BM Transplantation: Unrelated Donor, Solid Organ
Transplantation: Deceased Donor, Solid Organ Transplantation:
Live Donor, Histocompatibility Testing For Other Clinical
Purposes, Transfusion Support

Tests: HLA Typing Class I: Low Resolution Molecular, High
Resolution Molecular

HLA Typing Class II: Molecular, HLA Antibody Detection: Solid
phase, CDC; HLA Antibody Identification: Solid phase, CDC;
Crossmatching: Flow cytometry, CDC; ABO Typing