

Test Name	Order Code	Note	Specimen Type	Container Type	Required Volume	Minimum Volume (Pediatric)	Special Handling	Causes for Rejection	URL
<b>Bone Marrow Transplant</b>									
HLA-Bone Marrow Recipient Evaluation	10005R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for the initial evaluation of a potential bone marrow transplant recipient. This order includes high resolution HLA typing and antibody screening. This test will initiate one red-top tube and three yellow-top tubes to be drawn on the recipient.	Whole Blood	One Red-top tube (Plain) no additive, and three Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	40 mL (10 mL per tube)	7 mL (2 mL per yellow-top tube, 1 mL per red-top tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Bone Marrow Confirmatory Typing(Recipient)	10035R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for confirmatory HLA typing of a potential bone marrow transplant recipient. This order includes low resolution HLA typing. This test will initiate one yellow-top tube to be drawn on the recipient.	Whole Blood	Yellow-top tube Acid Citrate Dextrose Solution A (ACD)	10 mL (10 mL per tube)	2 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Bone Marrow Donor Related	10020R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for the initial evaluation of a potential related bone marrow donor. This order includes high resolution HLA typing. This test will initiate two yellow-top tubes to be drawn on the donor.	Whole Blood	Two Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	20 mL (10 mL per tube)	4 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Bone Marrow Donor Unrelated Donor Processing	10145R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This order is used to process samples received on an unrelated bone marrow donors.		Yellow-top tube Acid Citrate Dextrose Solution A (ACD)	Varies (10 mL per tube)		Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Bone Marrow Confirmatory Typing(Donor)	10040R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for confirmatory HLA typing of a potential bone marrow donor. This order includes low resolution HLA typing. This test will initiate three yellow-top tubes to be drawn on the potential donor.	Whole Blood	Three Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	30 mL (10 mL per tube)	6 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Final Donor Selection (w/Related Donor Info)	10025R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a communication order used to notify the HLA lab when a related bone marrow donor has been selected. This test will not initiate a blood draw.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>

HLA-Final Donor Selection w/Coded Donor (No name)	10165R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a communication order used to notify the HLA lab when an unrelated bone marrow donor has been selected.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-STR/Chimerism Testing (Bone Marrow)	10090R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order to test the recipient's bone marrow for engraftment of previously transplanted bone marrow. This order includes STR/Chimerism testing with the option to select for different subsets. This test will initiate two yellow-top tubes to be drawn on the recipient.	Whole Blood	Two Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	20 mL (10 mL per tube)	4 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
<b>Solid Organ Transplant</b>									
HLA-Initial Solid Organ Recipient Evaluation	10000R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for the initial evaluation of a potential solid organ transplant recipient. This order includes HLA typing, auto crossmatch and antibody screening. This test will initiate one red-top tube and six yellow-top tubes to be drawn on the recipient.	Whole Blood	One Red-top tube (Plain) no additive, and six Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	70 mL (10 mL per tube)	13 mL (2 mL per yellow-top tube, 1 mL per red-top tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Kidney Living Donor Evaluation	10030R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for the initial evaluation of a potential living kidney donor. This order includes HLA typing, crossmatch and cell storage. This test will initiate six yellow-top tubes to be drawn on the donor.	Whole Blood	Six Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	60 mL (10 mL per tube)	12 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Liver Living Donor Evaluation	10293R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for the initial evaluation of a potential living liver donor. This order includes HLA typing and crossmatch. This test will initiate six yellow-top tubes to be drawn on the recipient.	Whole Blood	Six Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	60 mL (10 mL per tube)	12 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Deceased Donor Crossmatch and Testing	10235R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This order should be placed for prospective/concurrent/retrospective crossmatches with (potential) deceased donors. Even if the patient does not receive the transplant, if a crossmatch is performed, this order needs to be placed. This test will not initiate a blood draw.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Pre-Transplant Antibody Screening	10045R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order for antibody screening of patients who are not being desensitized. This order can include IgG and/or C1q antibody screens. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>

HLA-IVIG In Vitro Inhibition Assay - Recipient	10070R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a recipient order to test the efficacy of IVIG to inhibit patient's antibodies. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Pre -Transplant Desensitization Ab Monitoring - Pre IVIG	10205R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order, for patient's undergoing desensitization with IVIG therapy. This test should be ordered for IgG and/or C1q antibody screening of the Pre-IVIG serum. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Pre -Transplant Desensitization Ab Monitoring - Post IVIG	10210R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order, for patient's undergoing desensitization with IVIG therapy. This test should be ordered for IgG and/or C1q antibody screening of the Post-IVIG serum. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Pre -Transplant Desensitization Ab Monitoring - No IVIG	10215R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a pre-transplant order, for patients undergoing desensitization with therapy other than IVIG (ex: plasmapheresis/velcade). This order can also be used to screen random samples drawn between IVIG infusions. This test should be ordered for IgG and/or C1q antibody screening. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Post-Transplant DSA Screening - No Desensitization/No IVIG	10015R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a post-transplant order for donor specific antibody screening. This order includes IgG and/or C1q antibody screening, per policy between transplant service and HLA lab. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Post-Transplant Desensitization/DSA Monitoring - Pre IVIG	10220R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a post-transplant order, for patient's undergoing desensitization with IVIG therapy. This test should be ordered for IgG and/or C1q antibody screening of the Pre-IVIG serum. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Post-Transplant Desensitization/DSA Monitoring - Post IVIG	10225R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a post-transplant order, for patient's undergoing desensitization with IVIG therapy. This test should be ordered for IgG and/or C1q antibody screening of the Post-IVIG serum. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>

HLA-Post-Transplant Desensitization/DSA Monitoring - No IVIG	10230R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a post-transplant order, for patient's undergoing desensitization with therapy other than IVIG (ex: plasmapheresis/velcade). This order can also be used to screen random samples drawn for between IVIG infusions. This test should be ordered for IgG and/or C1q antibody screening. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Flow Auto Crossmatch	10110R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a recipient order for auto crossmatch. This test will initiate one red-top tube and six yellow-top tubes to be drawn on the recipient.	Whole Blood	One Red-top tube (Plain) no additive, and six Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	70 mL (10 mL per tube)	13 mL (2 mL per yellow-top tube, 1 mL per red-top tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Recipient Crossmatch - (w/Living Donor Information)	10065R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a recipient order for allo crossmatch with a potential living donor. This order includes crossmatch by flow and/or CDC. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Living Donor Crossmatch - (w/Recipient Info)	10240R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a donor order that can be used when an additional blood draw is required on the donor for crossmatch. This order can include Flow and/or CDC crossmatches. This test will initiate six yellow-top tubes to be drawn on the donor.	Whole Blood	Six Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	60 mL (10 mL per tube)	12 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-STR/Chimerism Testing (Solid Organ)	10075R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order to test the recipient's blood for engraftment of previously transplanted bone marrow. This order includes STR/Chimerism testing with the option to select for different subsets. This test will initiate six yellow-top tubes to be drawn on the recipient.	Whole Blood	Six Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	60 mL (10 mL per tube)	12 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Prospective Crossmatch Testing (For Sendout-OPO's)	10277R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This order should be placed for a patient who requires a prospective crossmatch prior to transplant. This order includes IgG and/or C1q antibody screening, as well as serum send-out to local OPOs specified by the transplant service. This test will initiate two red-top tubes to be drawn on the patient.	Whole Blood	Two Red-top tubes (Plain) no additive	20 mL (10 mL per tube)	2 mL (1 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Workup at Time of Transplant (Inpatient Only)	10273R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. Inpatients only. This order is used to replace Nursing Communication prior to Transplant.		Two Yellow-top tubes Acid Citrate Dextrose Solution A (ACD) and Two Red-top tubes (Plain) no additive			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>

HLA-Deceased Donor O.R. Specimen	10297R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This Order is used to Process the "Additional" whole blood and Tissue specimens sent to the O.R. with the Organ to be Transplanted.	Whole Blood / Spleen	Red-top tube (Plain) no additive and One Spleen specimen and one Lymph Node specimen			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
<b>Specimen in Lab Orders</b>									
HLA-Specimen In Lab Order - Recipient	10270R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a recipient order that can be used when tests are requested that do not require any additional blood drawn on the recipient. This is most often used for reflex testing, or when testing is requested and the HLA lab has the relevant sample stored on the recipient.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Specimen In Lab Order - Donor	10285R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a donor order that can be used when tests are requested that do not require any additional blood drawn on the donor. This is most often used for reflex testing, or for repeat crossmatch when the HLA lab has cells stored on the donor.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
<b>Additional Specimen Request</b>									
HLA-Additional Specimen (Recipient) - Serum	10280R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a recipient order that can be used when an additional blood draw is required on the recipient. This order can include current IgG and/or C1q antibody screens and Flow and/or CDC crossmatches. This test will initiate one red-top tube to be drawn on the recipient.	Whole Blood	Red-top tube (Plain) no additive	10 mL (10 mL per tube)	1 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Additional Specimen (Recipient) - Cells	10120R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order used to obtain more cells on a recipient. This test will initiate two yellow-top tubes to be drawn on the recipient.	Whole Blood	Two Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	20 mL (10 mL per tube)	4 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Typing Add On Locus - Recipient	10085R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This order is a recipient order used when additional HLA typing is needed, and the HLA lab needs to have more blood drawn to do the additional typing. This test will initiate four yellow-top tubes to be drawn.	Whole Blood	Four Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	40 mL (10 mL per tube)	8 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Additional Specimen - Donor	10115R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order used to obtain more cells on a donor. This test will initiate four yellow-top tubes to be drawn on the donor.	Whole Blood	Four Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	40 mL (10 mL per tube)	8 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>

HLA-Typing Add On Locus - Donor	10245R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a donor order that can be used when an additional blood draw is required on the donor for typing. This order can include high and/or low resolution HLA typing. This test will initiate two yellow-top tubes to be drawn on the donor.	Whole Blood	Two Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	20 mL (10 mL per tube)	4 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Additional Specimen (Donor) - Crossmatch	10250R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a donor order that can be used when an additional blood draw is required on the donor for crossmatch. This order can include Flow and/or CDC crossmatches. This test will initiate six yellow-top tubes to be drawn on the donor.	Whole Blood	Six Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	60 mL (10 mL per tube)	12 mL (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Additional Specimen (Donor) - Typing	10255R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a donor order that can be used when an additional blood draw is required on the donor for typing. This order can include high and/or low resolution HLA typing. This test will initiate two yellow-top tubes to be drawn on the donor.	Whole Blood	Two Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	20 mL (10 mL per tube)	4 mL	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-NMDP Additional Specimen	10170R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This order is used to process NMDP samples received on a potential donor.		Yellow-top tube Acid Citrate Dextrose Solution A (ACD)	Varies (10 mL per tube)		Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>

### Kit Request

HLA-Recipient Kit Request	10130R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order used to obtain blood samples from a recipient. This test will initiate a kit to be mailed to the specified address of the recipient, for the requested amount of yellow-top tubes and/or red-top tubes.	Whole Blood	Yellow-top tube Acid Citrate Dextrose Solution A (ACD) and/or Red-top tube (Plain) no additive	Varies (10 mL per tube)	Varies (2 mL per yellow-top tube, 1 mL per red-top tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Recipient Kit Request (w/ Living Donor Info)	10140R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order used to obtain blood samples from a recipient and the tests to be performed involve a related donor ( <b>For : Crossmatch or Chimerism</b> ). This test will initiate a kit to be mailed to the specified address of the recipient, for the requested amount of yellow-top tubes and/or red-top tubes.	Whole Blood	Yellow-top tube Acid Citrate Dextrose Solution A (ACD) and/or Red-top tube (Plain) no additive	Varies (10 mL per tube)	Varies (2 mL per yellow-top tube, 1 mL per red-top tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Recipient Kit Request w/Coded Donor (No name)	10155R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order used to obtain blood samples from a recipient and the tests to be performed involve an unrelated donor ( <b>For : Chimerism or Crossmatch</b> ). This test will initiate a kit to be mailed to the specified address of the recipient, for the requested amount of yellow-top tubes and/or red-top tubes.	Whole Blood	Yellow-top tube Acid Citrate Dextrose Solution A (ACD) and/or Red-top tube (Plain) no additive	Varies (10 mL per tube)	Varies (2 mL per yellow-top tube, 1 mL per red-top tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>

HLA-Donor Kit Request	10125R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is an order used to obtain blood samples from a potential donor. This test will initiate a kit to be mailed to the specified address of the potential donor, for the requested amount of yellow-top tubes.	Whole Blood	Yellow-top tube Acid Citrate Dextrose Solution A (ACD)	Varies (10 mL per tube)	Varies (2 mL per tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
<b>Communication Orders</b>									
HLA-Summaries	10150R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a non-billable recipient order used to transfer data from the HLA lab to the transplant service. This order only needs to be placed once, and is necessary for the HLA lab to send donor typing to the transplant service.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Meds/Sensitizing Events Communication	10190R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a communication order used to notify the HLA lab when a recipient has had a sensitizing event (pregnancy, transfusion, previous transplant) or received treatment (IVIG, ATG, Plasmapheresis, Rituximab, Bortezomib).		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Wait List Status Change	10195R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a communication order used to notify the HLA lab when there has been a change in a patient's waitlist status. This order should be used when the patient is initially listed (active or status 7), and when the status changes after listing (active, inactive, removed from the listed).		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Transplant Event Communication	10283R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a communication order used to notify the HLA lab when a transplant has occurred.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
HLA-Historical Summaries	10287R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This is a non-billable order used to transfer historical data from the HLA lab to the transplant service. This order only needs to be placed once, and is most often used when a patient was previously tested by a physician outside of Stanford.		None / Communication Only			Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>
<b>HLA Misc Orders</b>									
HLA-Platelet Compatibility	10100R	This is a Sendout/Referred Test and is only offered to registered patients of SHC or LPCH. This order is used to assist transfusion services in finding compatible platelet units for the patient. This order includes C1q Class I antibody screening, and HLA-A and HLA-B locus typing. This test will initiate one red-top tube and two yellow-top tubes to be drawn on the patient.	Whole Blood	One Red-top tube (Plain) no additive, and two Yellow-top tubes Acid Citrate Dextrose Solution A (ACD)	30 mL (10 mL per tube)	5 mL (2 mL per yellow-top tube, 1 mL per red-top tube)	Transport at room temperature. Specimens received refrigerated or frozen are unacceptable.	Refrigerated or frozen specimens	<a href="http://bloodcenter.stanford.edu/">http://bloodcenter.stanford.edu/</a>