



Effective date: 07/29/2002

REQUEST FOR PLATELET SEROLOGY TESTING

Laboratory phone: 215 451 4205

Hospital Name	Hospital Code
Contact Person	Phone
Ordering Physician	Physician Phone

Patient Information (please print)

Patient Name _____ Sample date: ____/____/____

ID Number _____ Date of Birth _____

Sex _____ Race _____ Previous Pregnancies _____

Primary Diagnosis _____

Brief Transfusion History _____

Patient Test Results	Result
ABO/Rh Type	
RBC Antibody Screen	
HLA Antibody Screen	
Platelet Count	

Medications	No	Yes	Date Range
IVIgG			

Testing Requested

Please refer to the reverse side of this form for test descriptions and sample requirements.

<input type="checkbox"/> Indirect Antibody Identification <input type="checkbox"/> Indirect Platelet antibody ELISA only <input type="checkbox"/> Platelet associated immunoglobulin (direct testing) <input type="checkbox"/> MAIPA direct if necessary	<input type="checkbox"/> Platelet antibody drug investigation <input type="checkbox"/> HPA-1a (PL ^{A1}) antigen typing <input type="checkbox"/> Heparin antibody evaluation
Platelet Crossmatching: <input type="checkbox"/> New sample <input type="checkbox"/> Sample for continuing evaluation	

Form completed by: _____ Date: _____

Final report to be sent to: _____ Address: _____ Fax _____

Preliminary report Attention: _____ Phone _____ Fax _____



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Diagnosis / Laboratory Approach	Sample Requirements	Applicable Laboratory testing/codes
<p>Platelet Antibody Investigation Autoimmune Thrombocytopenic Purpura (AITP) Immune destruction of autogeneic platelets. Direct, and indirect testing are routinely performed to investigate platelet autoantibodies. Monoclonal Antibody Immobilization of Platelet Antigens (MAIPA) testing can be performed as reflex testing as necessary. Post-Transfusion Purpura (PTP) Abrupt drop in platelet count occurring 7-10 days post-transfusion may be due to platelet-specific antibody. Indirect (serum antibody) is performed to evaluate antibody status during the acute (thrombocytopenic) stage. Antigen typing can be performed after recovery of platelet count to normal level.</p>	<p>Indirect (serum) testing 7mL <u>plain</u>* red top tube Direct testing <u>Plt count:/mm3</u> <u>Sample (EDTA blood)</u> 100,000 15mL 60- 100,000 25mL 25- 60,000- 40mL Direct testing cannot be performed for platelet counts < 25,000/mm3</p>	<p>Indirect Antibody Identification: SPLT02 Indirect Platelet antibody ELISA: SPLT04 Platelet –associated immunoglobulin (direct testing): SR86023 MAIPA direct: SPLT06 HPA-1a (PL^{A1}) antigen typing: SPLT03</p>
<p>Platelet Crossmatching/Alloimmunization Screen Refer to form: REQUEST FOR SELECTED (MATCHED) PLATELET PRODUCTS for additional information.</p>	<p>7mL <u>plain</u>* red top tube For continuous crossmatching, weekly samples are recommended. Samples >14 days old cannot be tested. Labeling requirements: <ul style="list-style-type: none"> • Patient Name: First and Last • Identification number (at least one of the following: SS#, ID#, Date of Birth) • Date of collection </p>	<p>SR86022 SPLT01 PLTX</p>
<p>Heparin Induced Antibody Patients may become thrombocytopenic due to heparin induced antibody. Patient’s serum is tested for antibody directed against PF4 complexed to react with heparin induced antibodies.</p>	<p>7mL <u>plain</u>* red top tube</p>	<p>Heparin antibody evaluation: SPLT09</p>
<p>Platelet Antibody Drug Investigation A variety of drugs other than heparin are known to cause immune-mediated thrombocytopenia. Patient’s serum is tested in the presence of implicated drug</p>	<p>7mL <u>plain</u>* red top tube + sample of the implicated drug (minimum-50mg of drug)</p>	<p>Platelet antibody drug investigation: SPLT08</p>
<p>HPA Antigen Typing Typing of platelets to determine antigen-negative status.</p>	<p><u>Plt count:/mm3</u> <u>Sample (EDTA blood)</u> 100,000 15mL 60- 100,000 25mL 25- 60,000- 40mL Testing cannot be performed for platelet counts < 25,000/mm3</p>	<p>HPA-1a (PL^{A1}) antigen typing: SPLT03 HPA 5 antigen by MAIPA: SPLT06</p>

* Note: Tubes containing gel-separation media cannot be used for testing.

- Ship samples at room temperature.
- EDTA samples must be received in the laboratory < 48 hours from time of collection. Hours for sample receipt- Mon. through Thursday: 7:00AM to 5:30 PM, Fri. 7:00AM-12PM