

NEW TEST ANNOUNCEMENT REFERRAL

NOTIFICATION DATE: June 26, 2013 **EFFECTIVE DATE:** June 28, 2013

PLATELET ANTIBODIES, INDIRECT Test ID: FPLAI

EXPLANATION: The following new orderable, referred to ARUP Laboratories, will be available June 28, 2013. This test is available immediately for temporary referral while Mayo test PLAB, Platelet Antibody, Serum is down.

REFERRAL LAB CODE: 0051050

METHODOLOGY: Semi-Quantitative Enzyme-Linked Immunosorbent Assay

REFERENCE VALUES:

None Detected

INTERPRETIVE INFORMATION; Platelet Antibodies, Indirect

This is the primary test for detection of platelet-specific antibodies. It is not recommended for the diagnosis of immune thrombocytopenic purpura (ITP). This test will detect both allo and autoantibodies, but will not distinguish between them. Results of this test should be used in conjunction with clinical findings and other serological tests. Antibodies directed to antigens found on platelets are associated with many different clinical situations. Immune thrombocytopenic purpura (ITP) is a destructive thrombocytopenia caused by autoantibodies. Neonatal alloimmune thrombocytopenia (NATP) and post-transfusion purpura (PTP) are diseases where thrombocytopenia is caused by platelet specific alloantibodies. HLA alloantibodies do not cause thrombocytopenia, but are commonly associated with refractoriness to platelet transfusions.

This test is designed to detect antibodies to platelet glycoproteins IIb/IIIa (HPA-1a/1b [Pl A1 and Pl A2], HPA-3a/3b, and HPA-4a), Ia/IIa (HPA-5a/5b), Ib/IX, and IV. In addition, this test will also detect antibodies to HLA class I antigens (HLA-A-B).

Testing for neonatal alloimmune thrombocytopenia should be performed using maternal serum, since platelet antibody may not be detected in neonatal serum. False negative results are common in infant samples.

SPECIMEN REQUIREMENTS:

Submit only 1 of the following specimens:

Serum

Draw blood in a plain red-top tube(s), **serum gel tube is not acceptable.** Spin down and send 1 mL of serum frozen in a plastic vial.

Plasma

Draw blood in a lavender or pink top (EDTA) or yellow-top (ACD-A) tube(s), **plasma gel tube** is not acceptable. Spin down and send 1 mL EDTA or ACD-A plasma frozen in a plastic vial.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Varies	Frozen (preferred)	30 days
	Refrigerated	48 hours

FEE: \$146.00 **CPT CODE**: 86022

DAY(S) SET UP: ANALYTIC TIME:

Monday through Saturday 1-3 days

QUESTIONS: Contact Mary Erath, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710