

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 10/23/1990
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Platelet Antibodies, Indirect

ARUP test code 0051050

Platelet Antibodies, Indirect

None Detected (Ref Interval: None Detected)

NONE DETECTED: Platelet-specific antibodies and HLA antibodies were not 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.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Platelet Antibodies, Indirect	22-075-108980	3/16/2022 4:15:00 AM	3/20/2022 3:25:49 AM	3/20/2022 4:42:00 PM

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-075-108980
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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