

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 9/2/1950  
**Sex:** Female  
**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

See Note

(Ref Interval: None Detected)

DETECTED: Antibodies specific for platelet glycoproteins IIb/IIIa and Ia/IIa detected.

DETECTED: HLA antibodies detected: HLA antibodies are common in patients with a prior history of transfusion or pregnancy. They do not cause thrombocytopenia, but may cause refractoriness to platelet transfusions.

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	22-074-100892	3/15/2022 3:15:00 AM	3/18/2022 4:10:56 PM	3/20/2022 4:42:00 PM

**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: 22-074-100892  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 1 of 2 | Printed: 9/29/2022 2:34:00 PM

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END OF CHART

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

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*Unless otherwise indicated, testing performed at:*

**ARUP LABORATORIES | 800-522-2787 | [aruplab.com](http://aruplab.com)**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-074-100892  
Patient Identifiers: 01234567890ABCD, 012345  
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Page 2 of 2 | Printed: 9/29/2022 2:34:00 PM