

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/15/2007
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Antiphospholipid Syndrome Reflexive Panel

ARUP test code 2003222

Prothrombin Time	13.9 sec		(Ref Interval: 12.0-15.5)
dRVVT Screen	101 sec	H	(Ref Interval: 33-44)
dRVVT 1:1 Mix	76 sec	H	(Ref Interval: 33-44)
dRVVT Confirmation	Positive ratio	*	(Ref Interval: Negative)
PTT-LA Screen (PTT-D)	92 sec	H	(Ref Interval: 32-48)
Thrombin Time	16.7 sec		(Ref Interval: 14.7-19.5)
Reptilase Time	Not Applicable sec		(Ref Interval: <=21.9)
PTT-D Heparin Neutralized	Not Applicable sec		(Ref Interval: 32-48)
PTT-D 1:1 Mix	68 sec	H	(Ref Interval: 32-48)
Platelet Neutralization (PTT-D, Confirm)	Positive	*	(Ref Interval: Negative)
Hexagonal Phospholipid Neutral Reflex	Not Applicable		(Ref Interval: Negative)
Lupus Anticoagulant Interpretation	See Note		

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

Unless otherwise indicated, testing performed at:

Lupus anticoagulant detected.

International Society on Thrombosis and Haemostasis criteria for lupus anticoagulant identification include prolongation of one or more phospholipid-dependent clotting tests (screening), inhibitory activity in a 1:1 mix, and phospholipid-dependence in a confirmation test (shortened clotting time in the presence of excess phospholipid).

Testing on two or more occasions at least 12 weeks apart is recommended to confirm persistently positive results (J Thromb Haemost 2006;4:295-306). Lupus anticoagulant testing is best performed when the patient is stable and not anticoagulated since high concentrations of heparin, warfarin, or other anticoagulant medications may lead to false-positive results.

B2Glycoprotein 1, IgG Antibody

83 SGU H

(Ref Interval: <=20)

B2Glycoprotein 1, IgM Antibody

21 SMU H

(Ref Interval: <=20)

INTERPRETIVE INFORMATION: B2Glycoprotein I, IgG and IgM Antibody

The persistent presence of IgG and/or IgM beta 2 glycoprotein I (B2GPI) antibodies is a laboratory criterion for the diagnosis of antiphospholipid syndrome (APS). Persistence is defined as moderate or high levels of IgG and/or IgM B2GPI antibodies detected in two or more specimens drawn at least 12 weeks apart (J Throm Haemost. 2006;4:295-306). B2GPI results greater than 20 SGU (IgG) and/or SMU (IgM) are considered positive based on the cutoff values established for this test. International reference materials and consensus units for anti-B2GPI antibodies have not been established (Clin Chim Acta. 2012;413(1-2):358-60; Arthritis Rheum. 2012;64(1):1-10.); results can be variable between different commercial immunoassays and cannot be compared. Strong clinical correlation is recommended for a diagnosis of APS. Low positive IgG and IgM B2GPI antibody levels should be interpreted in light of APS-specific clinical manifestations and/or other criteria phospholipid antibody tests.

Cardiolipin Antibody IgG

47 GPL H

(Ref Interval: <=14)

INTERPRETIVE INFORMATION: Anti-Cardiolipin IgG Ab

<=14 GPL: Negative
15-19 GPL: Indeterminate
20-80 GPL: Low to Moderately Positive
81 GPL or above: High Positive

The persistent presence of IgG and/or IgM cardiolipin (CL) antibodies in moderate or high levels (greater than 40 GPL and/or greater than 40 MPL units) is a laboratory criterion for the diagnosis of antiphospholipid syndrome (APS). Persistence is defined as moderate or high levels of IgG and/or IgM CL antibodies detected in two or more specimens drawn at least 12 weeks apart (J Throm Haemost. 2006;4:295-306). Lower positive levels of IgG and/or IgM CL antibodies (above cutoff but less than 40 GPL and/or less than 40 MPL units) may occur in patients with the clinical symptoms of APS; therefore, the actual significance of these levels is undefined. Results should not be used alone for diagnosis and must be interpreted in light of APS-specific clinical manifestations and/or other criteria phospholipid antibody tests.

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Cardiolipin Antibody IgM

39 MPL H (Ref Interval: <=12)

INTERPRETIVE INFORMATION: Anti-Cardiolipin IgM

<=12 MPL: Negative
13-19 MPL: Indeterminate
20-80 MPL: Low to Moderately Positive
81 MPL or above: High Positive

The persistent presence of IgG and/or IgM cardiolipin (CL) antibodies in moderate or high levels (greater than 40 GPL and/or greater than 40 MPL units) is a laboratory criterion for the diagnosis of antiphospholipid syndrome (APS). Persistence is defined as moderate or high levels of IgG and/or IgM CL antibodies detected in two or more specimens drawn at least 12 weeks apart (J Throm Haemost. 2006;4:295-306). Lower positive levels of IgG and/or IgM CL antibodies (above cutoff but less than 40 GPL and/or less than 40 MPL units) may occur in patients with the clinical symptoms of APS; therefore, the actual significance of these levels is undefined. Results should not be used alone for diagnosis and must be interpreted in light of APS-specific clinical manifestations and/or other criteria phospholipid antibody tests.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Prothrombin Time	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT Screen	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT 1:1 Mix	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT Confirmation	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-LA Screen (PTT-D)	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thrombin Time	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Reptilase Time	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-D Heparin Neutralized	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-D 1:1 Mix	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Platelet Neutralization (PTT-D, Confirm)	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexagonal Phospholipid Neutral Reflex	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lupus Anticoagulant Interpretation	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B2Glycoprotein 1, IgG Antibody	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B2Glycoprotein 1, IgM Antibody	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cardiolipin Antibody IgG	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cardiolipin Antibody IgM	22-087-138764	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-087-138764
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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