

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 10/24/1975
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Antiphospholipid Syndrome Reflexive Panel

ARUP test code 2003222

Prothrombin Time	12.2 sec		(Ref Interval: 12.0-15.5)
dRVVT Screen	77 sec	H	(Ref Interval: 33-44)
dRVVT 1:1 Mix	70 sec	H	(Ref Interval: 33-44)
dRVVT Confirmation	Positive ratio	*	(Ref Interval: Negative)
PTT-LA Screen (PTT-D)	94 sec	H	(Ref Interval: 32-48)
Thrombin Time	14.7 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	82 sec	H	(Ref Interval: 32-48)
Platelet Neutralization (PTT-D, Confirm)	Positive	*	(Ref Interval: Negative)
Hexagonal Phospholipid Neutral Reflex	Not Applicable		(Ref Interval: Negative)

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: 19-255-144748
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 4 | Printed: 12/7/2020 11:29:43 AM
4848

Lupus Anticoagulant Interpretation

See Note

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

0 SGU

(Ref Interval: 0-20)

B2Glycoprotein 1, IgM Antibody

2 SMU

(Ref Interval: 0-20)

INTERPRETIVE INFORMATION: B2Glycoprotein I, IgG and IgM Antibody

The persistent presence of IgG and/or IgM beta 2 glycoprotein I (B2GPI) antibodies (greater than 99th percentile) 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 Thromb 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.). 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

2 GPL

(Ref Interval: 0-14)

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Page 2 of 4 | Printed: 12/7/2020 11:29:43 AM
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INTERPRETIVE INFORMATION: Anti-Cardiolipin IgG Ab

0-14 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 or greater than 99th percentile) 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.

Cardiolipin Antibody IgM

11 MPL (Ref Interval: 0-12)

INTERPRETIVE INFORMATION: Anti-Cardiolipin IgM

0-12 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 or greater than 99th percentile) 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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Page 3 of 4 | Printed: 12/7/2020 11:29:43 AM
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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Prothrombin Time	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
dRVVT Screen	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
dRVVT 1:1 Mix	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
dRVVT Confirmation	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
PTT-LA Screen (PTT-D)	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
Thrombin Time	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
Reptilase Time	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
PTT-D Heparin Neutralized	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
PTT-D 1:1 Mix	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
Platelet Neutralization (PTT-D, Confirm)	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
Hexagonal Phospholipid Neutral Reflex	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
Lupus Anticoagulant Interpretation	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 5:19:00 PM
B2Glycoprotein 1, IgG Antibody	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 3:31:00 PM
B2Glycoprotein 1, IgM Antibody	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 3:31:00 PM
Cardiolipin Antibody IgG	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 3:36:00 PM
Cardiolipin Antibody IgM	19-255-144748	9/12/2019 3:10:00 PM	9/15/2019 1:41:58 AM	9/15/2019 3:36:00 PM

END OF CHART

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