

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: Unknown
Gender: Unknown
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	12.5 sec	(Ref Interval: 12.0-15.5)
dRVVT Screen	40 sec	(Ref Interval: 33-44)
dRVVT 1:1 Mix	Not Applicable sec	(Ref Interval: 33-44)
dRVVT Confirmation	Not Applicable ratio	(Ref Interval: Negative)
PTT-LA Screen (PTT-D)	45 sec	(Ref Interval: 32-48)
Thrombin Time	Not Applicable 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	Not Applicable sec	(Ref Interval: 32-48)
Platelet Neutralization (PTT-D, Confirm)	Not Applicable	(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 not detected.
The phospholipid-dependent screening tests (PTT, DRVVT) are not prolonged.

Lupus anticoagulant antibodies are heterogeneous and antibody titers fluctuate over time. Laboratory tests used to identify lupus anticoagulants demonstrate variable sensitivity. If there is strong clinical suspicion for antiphospholipid antibody syndrome (APS), consider testing for cardiolipin and beta-2 glycoprotein 1 antibodies (IgG and IgM) if this testing has not already been performed.

B2Glycoprotein 1, IgG Antibody	20 SGU	(Ref Interval: <=20)
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B2Glycoprotein 1, IgM Antibody	20 SMU	(Ref Interval: <=20)
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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	14 GPL	(Ref Interval: <=14)
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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.

Cardiolipin Antibody IgM	12 MPL	(Ref Interval: <=12)
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H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

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.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Prothrombin Time	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT Screen	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT 1:1 Mix	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT Confirmation	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-LA Screen (PTT-D)	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thrombin Time	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Reptilase Time	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-D Heparin Neutralized	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-D 1:1 Mix	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Platelet Neutralization (PTT-D, Confirm)	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexagonal Phospholipid Neutral Reflex	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lupus Anticoagulant Interpretation	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B2Glycoprotein 1, IgG Antibody	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B2Glycoprotein 1, IgM Antibody	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cardiolipin Antibody IgG	22-094-101141	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Cardiolipin Antibody IgM	22-094-101141	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