

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 12/31/2000
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Prolonged Clot Time Reflexive Profile

ARUP test code 3006383

Prolonged Clot Time Reflex Panel Interp

See Note

Testing on this specimen demonstrated a normal PT and a prolonged PTT that corrected in a 1:1 mixing study with normal pooled plasma, suggestive of a factor deficiency. The PTT shorted slightly, but not into normal range, after treatment with an enzyme that degrades heparin, and the thrombin time was slightly prolonged while the reptilase time was normal, which could be consistent with the presence of anticoagulant in the specimen. A lupus anticoagulant was not detected. A panel of factor assays were performed to evaluate the PTT prolongation. Factor XI was found to be decreased (34% activity), while Factors VIII, IX, and XII were normal. Taken together, the PTT is prolonged due to Factor XI deficiency and possibly the presence of anticoagulant in the specimen.

The D-dimer was minimally elevated. Fibrinogen, an acute phase reactant, was elevated. Taken together, these results are not suggestive of DIC, although close clinical correlation is recommended.

A patient history form was not submitted with the test request. Panel interpretation is limited by lack of clinical information. Close correlation with clinical presentation (bleeding, thrombosis, or asymptomatic), presence of anticoagulant medications, recent factor replacement, and other relevant information is required for proper interpretation of the test results.

Reviewed by [REDACTED]

INTERPRETIVE INFORMATION: Prolonged Clot Time Reflex Panel

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Fibrinogen

ARUP test code 0030130

Fibrinogen **539 mg/dL H** (Ref Interval: 150-430)

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

D-Dimer

ARUP test code 0030057

D-Dimer	0.5 ug/mL H	(Ref Interval: 0.0-0.4)
<p>INTERPRETIVE INFORMATION: D-Dimer The presence of rheumatoid factor may lead to false positive results with the D-Dimer test. This test should not be used to rule out venous thromboembolism.</p> <p>Maximum values less than 10 ug/mL FEU are rarely indicative of DIC. Results are reported in Fibrinogen Equivalent Units (FEU).</p>		

Lupus Anticoagulant Reflexive Panel

ARUP test code 0030181

Prothrombin Time	12.8 sec	(Ref Interval: 12.0-15.5)
dRVVT Screen	32 sec L	(Ref Interval: 33-44)
dRVVT 1:1 Mix	Not Applicable sec	(Ref Interval: 33-44)
dRVVT Confirmation	Not Applicable	(Ref Interval: Negative)
PTT-LA Screen (PTT-D)	54 sec H	(Ref Interval: 32-48)
Thrombin Time	21.6 sec H	(Ref Interval: 14.7-19.5)
Reptilase Time	19.2 sec	(Ref Interval: <=21.9)
PTT-D Heparin Neutralized	53 sec H	(Ref Interval: 32-48)
PTT-D 1:1 Mix	43 sec	(Ref Interval: 32-48)
Platelet Neutralization (PTT-D, Confirm)	Not Applicable	(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:

Lupus Anticoagulant Interpretation

See Note

Lupus anticoagulant not detected.

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.

Factor VIII, Activity

ARUP test code 0030095

Factor VIII, Activity

110 % (Ref Interval: 56-191)

REFERENCE INTERVAL: Factor VIII, Activity

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

Factor IX, Activity

ARUP test code 0030100

Factor IX, Activity

117 % (Ref Interval: 78-184)

REFERENCE INTERVAL: Factor IX, Activity

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

Factor XI, Activity

ARUP test code 0030110

Factor XI, Activity

34 % L (Ref Interval: 56-153)

INTERPRETIVE INFORMATION: Factor XI, Activity

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

Factor XII, Activity

ARUP test code 0030115

Factor XII, Activity

86 % (Ref Interval: 58-166)

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Prolonged Clot Time Reflex Panel Interp	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Fibrinogen	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
D-Dimer	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Prothrombin Time	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT Screen	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT 1:1 Mix	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
dRVVT Confirmation	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-LA Screen (PTT-D)	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thrombin Time	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Reptilase Time	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-D Heparin Neutralized	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PTT-D 1:1 Mix	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Platelet Neutralization (PTT-D, Confirm)	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexagonal Phospholipid Neutral Reflex	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lupus Anticoagulant Interpretation	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Factor VIII, Activity	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Factor IX, Activity	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Factor XI, Activity	23-150-103594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Factor XII, Activity	23-150-103594	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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 23-150-103594
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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