

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 10/16/2001
Sex: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Thrombotic Risk, Inherited Etiologies (Uncommon)

ARUP test code 0030177

Prothrombin Time	13.2 sec	(Ref Interval: 12.0-15.5)
Partial Thromboplastin Time	38 sec H	(Ref Interval: 24-35)
Protein C Functional	132 %	(Ref Interval: 83-168)
<p>INTERPRETIVE INFORMATION: Protein C, Functional</p> <p>Patients on warfarin may have decreased protein C values. Patients should be off warfarin therapy for two weeks for accurate measurement of protein C levels. Artificially increased functional protein C values may be due to heparin therapy or the presence of direct thrombin inhibitors or factor Xa inhibitors.</p> <p>Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).</p>		
Protein S Ag Free	50 % L	(Ref Interval: 55-123)
<p>INTERPRETIVE INFORMATION: Protein S Ag, FREE</p> <p>Patients on warfarin may have decreased free protein S values. Patients should be off warfarin therapy for two weeks for accurate measurement of free protein S levels. Decreased levels of free protein S are also associated with DIC, liver disease, pregnancy, and inflammatory syndromes.</p> <p>Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).</p>		
Antithrombin, Enzymatic (Activity)	121 %	(Ref Interval: 76-128)
<p>REFERENCE INTERVAL: Antithrombin, Enzymatic (Activity)</p> <p>Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).</p>		
Thrombosis Interpretation - Uncommon	See Note	
<p>A decreased free protein S is identified. However, protein S may be decreased due to vitamin K deficiency/warfarin therapy, liver disease, acute thrombosis, DIC, pregnancy, oral</p>		

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: 21-321-140025
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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contraceptives, hormone replacement therapy, inflammatory syndromes, or other causes. In the absence of acquired conditions, the low value may represent a risk factor for thrombosis. If clinically indicated, consider repeat testing on a fresh specimen for confirmation after acquired conditions have been excluded. A diagnosis of inherited protein S deficiency should be established only after other acquired causes of protein S deficiency have been excluded (Arch Pathol Lab Med 2002;126:1349-1366).

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Prothrombin Time	21-321-140025	11/17/2021 9:31:00 AM	11/20/2021 9:48:33 AM	11/21/2021 12:25:00 AM
Partial Thromboplastin Time	21-321-140025	11/17/2021 9:31:00 AM	11/20/2021 9:48:33 AM	11/21/2021 9:49:00 AM
Protein C Functional	21-321-140025	11/17/2021 9:31:00 AM	11/20/2021 9:48:33 AM	11/20/2021 5:14:00 PM
Protein S Ag Free	21-321-140025	11/17/2021 9:31:00 AM	11/20/2021 9:48:33 AM	11/21/2021 12:58:00 AM
Antithrombin, Enzymatic (Activity)	21-321-140025	11/17/2021 9:31:00 AM	11/20/2021 9:48:33 AM	11/22/2021 10:39:00 PM
Thrombosis Interpretation - Uncommon	21-321-140025	11/17/2021 9:31:00 AM	11/20/2021 9:48:33 AM	11/23/2021 5:13:00 PM

END OF CHART

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

Unless otherwise indicated, testing performed at:

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