

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 10/4/1967  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Protein C, Functional with Reflex to Protein C, Total and Protein S, Free with Reflex to Protein S, Total**

ARUP test code 2003386

Protein C Functional **11 % L** (Ref Interval: 83-168)

Protein C, Total Antigen added.

INTERPRETIVE INFORMATION: Protein C, Functional

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.

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

Protein S Ag Free **12 % L** (Ref Interval: 74-147)

Protein S Total Antigen added.

INTERPRETIVE INFORMATION: Protein S Ag, FREE

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.

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

**Protein C, Total Antigen**

ARUP test code 0030111

Protein C, Total Antigen **65 %** (Ref Interval: 63-153)

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

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INTERPRETIVE INFORMATION: Protein C, Total Antigen

Patients on warfarin may have decreased protein C values. Patients should be off warfarin therapy for two weeks for accurate measurement of protein C.

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

## Protein S, Total Antigen

ARUP test code 0030112

Protein S, Total Antigen

**59 % L (Ref Interval: 84-134)**

INTERPRETIVE INFORMATION: Protein S, Total Antigen

Patients on warfarin may have decreased protein S values. Patients should be off warfarin therapy for two weeks for accurate measurement of protein S.

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

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

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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Protein C Functional	22-224-102780	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Protein C, Total Antigen	22-224-102780	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Protein S Ag Free	22-224-102780	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Protein S, Total Antigen	22-224-102780	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: