TEST CHANGE

Protein S, Functional

0030114, PROT S F

Specimen Requirements:	
Patient Preparation:	
Collect:	Lt. blue (sodium citrate). Special~~Refer to~~ Specimen Collection and Handling Hemostasis/Thrombosis Specimens guide located at https://www.aruplab.com/Specimen-Handling/SpecialSpecimenCollection/Hemostasis-Thrombosis.pdf ~~for hemostasis/thrombosis specimen handling guidelines.~~
Specimen Preparation:	Transfer 1.5 mL platelet-poor plasma to an ARUP standard transport tube.~~Standard Transport Tube.~~ (Min: 1 mL)
Transport Temperature:	CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.
Unacceptable Conditions:	Serum. EDTA plasma, clotted or hemolyzed specimens.
Remarks:	
Stability:	Ambient: 4 hours; Refrigerated: Unacceptable; Frozen ~~at -20 Degrees C~~: 3 months~~, at -70 Degrees C: 6 months~~
Methodology:	Electromagnetic Mechanical Clot Detection
Performed:	Sun-Sat
Reported:	1-2 days
Note:	
CPT Codes:	85306
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

Patients on warfarin may have decreased functional protein S values. Patients should be off warfarin therapy for two weeks for accurate measurement of functional protein S. Artificially increased functional protein S values may be due to heparin therapy or the presence of direct thrombin inhibitors or factor Xa inhibitors.

Reference Interval:

Male
1-89 days: 15-55%
90-179 days: 35-92%

180-364 days: 45-115%
1-5 years: 62-120%
6 years: 62-130%
7-9 years: 66-140%
10-11 years: 65-139%
12-13 years: 72-139%
14-15 years: 68-145%
16-17 years: 77-167%
18 years and older: 66-143%

Female
1-89 days: 15-55%
90-179 days: 35-92%
180-364 days: 45-115%
1-5 years: 62-120%
6 years: 62-130%
7-9 years: 62-151%
10-11 years: 65-142%
12-13 years: 70-140%
14-15 years: 55-145%
16-17 years: 51-147%
18 years and older: 57-131%