

TEST CHANGE

Protein C and S Panel, Functional

0030182, C/S PANEL

Specimen Requirements:

Patient Preparation:

Collect: Light ~~blue (sodium citrate). Special~~ ~~Blue (Sodium Citrate). Refer~~
~~to Specimen Collection and Handling Hemostasis/Thrombosis~~
~~Specimens guide located at~~
~~[https://www.aruplab.com/Specimen-](https://www.aruplab.com/Specimen-Handling/SpecialSpecimenCollection/Hemostasis-Thrombosis.pdf)~~
~~[Handling/SpecialSpecimenCollection/Hemostasis-](https://www.aruplab.com/Specimen-Handling/SpecialSpecimenCollection/Hemostasis-Thrombosis.pdf)~~
~~[Thrombosis.pdf](https://www.aruplab.com/Specimen-Handling/SpecialSpecimenCollection/Hemostasis-Thrombosis.pdf) for hemostasis/thrombosis specimen handling~~
~~guidelines.~~

Specimen Preparation: Transfer 2 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: 85303; 85306

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Refer to report.

Reference Interval:

Test Number	Components	Reference Interval		
	Protein C Functional			
		Age	Reference Interval (%)	
		1-4 days	17-53	
		5-29 days	20-64	
		30-89 days	21-65	
		90-179 days	28-80	
		180-364 days	37-81	
		1-6 years	40-92	
		7-9 years	70-142	
		10-11 years	68-143	
		12-13 years	66-162	
		14-15 years	69-170	
		16-17 years	70-171	
		18 years and older	83-168	
	Protein S Functional			
		Age	Male (%)	Female (%)
		1-89 days	15-55	15-55
		90-179 days	35-92	35-92
		180-364 days	45-115	45-115
		1-5 years	62-120	62-120
		6 years	62-130	62-130
		7-9 years	66-140	62-151
		10-11 years	65-139	65-142
		12-13 years	72-139	70-140
		14-15 years	68-145	55-145
		16-17 years	77-167	51-147
		18 years and older	66-143	57-131