

TEST CHANGE

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

2003386, PROT C/S R

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 4 mL platelet-poor plasma to an ARUP standard transport tube. ~~Standard Transport Tube~~. (Min: 2 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 ~~/~~ Enzyme-Linked Immunosorbent Assay (ELISA) ~~/~~ Microlatex Particle-Mediated Immunoassay

Performed: Mon-Fri

Reported: 1-5 days

Note: If Protein C Functional is low, Protein C, Total Antigen will be added. If Protein S Free is low, Protein S Total Antigen will be added. Additional charges apply.

CPT Codes: 85303; 85306; if reflexed add 85302; if reflexed, add 85305

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 Ag Free			
		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
		6-9 years	62-130	62-130
		10-17 years	60-140	60-140
		18 years and older	74-147	55-123