

TEST CHANGE

Protein C, Total Antigen

0030111, PROT C

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 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: Enzyme-Linked Immunosorbent Assay (ELISA) ~~Immunoassay~~

Performed: Sun-Sat

Reported: 1-2 days

Note:

CPT Codes: 85302

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

Interpretive Data:

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

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%

1-5 years: 40-92%

6-10 years: 45-93%

11 years and older: 63-153%
