

LPL - PRODUCTION TEST COLLECTION  
 CENTRE  
 SECTOR - 18, BLOCK-E ROHINI  
 DELHI 110085

Name	:	DUMMY			Collected	:	29/5/2021 1:37:00AM	
Lab No.	:	DUMMYH061	Age: 25 Years	Gender:	Male	Received	:	29/5/2021 4:27:49PM
						Reported	:	1/6/2021 3:59:57PM
A/c Status	:	P	Ref By :	DR. DUMMY DUMMY		Report Status	:	Final

Test Name	Results	Units	Bio. Ref. Interval
Protein C, Functional (Chromogenic)	100.00	%	70.00 - 140.00

**Note:** 1. Heparin therapy may cause a spuriously low result  
 2. Functional assays measure only free Protein C  
 3. Test conducted on Citrated plasma

**Comments**

Protein C is a vitamin K dependent central protein in the Protein C pathway. Both genetic and acquired deficiencies of Protein C increase the risk of thrombosis. In homozygous Protein C deficiency (< 1% activity), individuals manifest neurologic and ophthalmic complications during intrauterine development and may have DIC. Approximately 4-8% Protein C deficiency is prevalent in thrombophilic population. The estimated thrombotic risk is 8-10 fold in patients with this deficiency. Congenital heterozygous Protein C deficiency may predispose to development of Coumarin associated skin necrosis. In Type I Protein C deficiency, the functional activity and antigenic levels are decreased to 50% of normal whereas in Type II deficiency the functional level is decreased to 50% of normal but the antigen level is 100% of normal.

**Decreased levels**

- Hereditary
- Acquired due to Vitamin K deficiency,liver disease,Oral Anticoagulant therapy,Acute illness and DIC




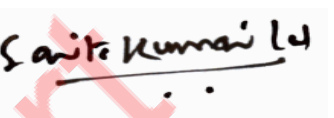
**Increased levels**

Nephrotic syndrome, Ischaemic heart disease,pregnancy,use of oral contraceptives or hormone replacement therapy



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Test Name	Results	Units	Bio. Ref. Interval
 Dr. Ajay Gupta MD, Pathology HOD Hematology & Immunohematology NRL - Dr Lal PathLabs Ltd	 Dr Gurleen Oberoi DM(Hematopathology), MD, DNB,MNAMS Consultant & Technical Lead -Hematopathology NRL - Dr Lal PathLabs Ltd	 Dr. Jatin Munjal MD,Pathology Consultant Pathologist Dr Lal PathLabs Ltd	 Dr.Sarita Kumari Lal MD, Pathology Consultant Pathologist Dr Lal PathLabs Ltd
 Dr Sunanda MD, Pathology Consultant Pathologist Dr Lal PathLabs Ltd	-----End of report -----		

### IMPORTANT INSTRUCTIONS

\*Test results released pertain to the specimen submitted.\*All test results are dependent on the quality of the sample received by the Laboratory.  
 \*Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.\*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.\*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.\*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.\*Test results may show interlaboratory variations.\*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).\*Test results are not valid for medico legal purposes. \*Contact customer care Tel No. +91-11-39885050 for all queries related to test results.  
 (#) Sample drawn from outside source.

