

LPL - LPL-ROHINI (NATIONAL REFERENCE
LAB)
SECTOR - 18, BLOCK -E ROHINI
DELHI 110085

Name	: DUMMY--H101	Collected	: 18/5/2018 7:01:00AM
Lab No.	: LPLT12476	Age: 15 Years	Gender: Male
A/c Status	: P	Ref By : -----	Report Status :
		Received	: 20/6/2018 11:04:06AM
		Reported	: 6/7/2018 1:07:13PM

Test Name	Results	Units	Bio. Ref. Interval
ANTITHROMBIN ACTIVITY, FUNCTIONAL (Chromogenic)	100.00	%	80.00 - 120.00

- Note:**
1. Heparin therapy may cause a spuriously low result
 2. Result should be clinically correlated
 3. Test conducted on Citrated plasma

Comments

Antithrombin deficiency can be hereditary or acquired. Genetic deficiency is a rare disorder affecting 1 : 10000 individuals in the general population and about 1% of patients diagnosed with Familial venous thrombosis. The estimated thrombotic risk is 12-20 fold in patients with this deficiency. Heterozygous individuals have plasma Antithrombin levels around 50% of normal and are usually symptomatic. Homozygous deficiency is incompatible with life. Type I deficiency shows decreased activity and antigenic levels whereas Type II deficiency shows decreased activity with normal levels of antigen. Most common clinical presentation is Deep vein thrombosis in lower extremities and Pulmonary embolism. Antithrombin is characteristically low in newborns, reaching adult levels by the age of 6 months.

Decreased levels

- Hereditary
- Acquired - DIC, Liver Disease, Nephrotic syndrome, in acute period following venous thrombosis and during heparin therapy

Increased levels

Increased ESR, hyperglobulinemia and oral Anticoagulants

Dr. Anil Arora
MD (Pathology)
HOD Hemat & Imm - NRL



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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.

