



Labsmart Software

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<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 28 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1028



1028

Registered on : 29/10/2024 01:46 PM
Collected on : 29/10/2024
Received on : 29/10/2024
Reported on : 29/10/2024 01:46 PM

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**HAEMATOLOGY**

| TEST | VALUE | UNIT | REFERENCE |
|---|-------|---------|-----------|
| ACTIVATED PARTIAL THROMBOPLASTIN TIME, APTT | | | |
| PATIENT VALUE | 28 | seconds | 22 - 39 |
| CONTROL VALUE | 21 | | |

Physiological basis

APTT evaluates the intrinsic and common coagulation pathways and adequacy of all coagulation factors except XIII and VII. APTT is commonly used to monitor unfractionated heparin therapy.

Interpretation

Increased in: Deficiency of any individual coagulation factor except Factors XIII and VII, presence of nonspecific inhibitor (eg, lupus anticoagulant), specific factor inhibitor, von Willebrand disease (PTT may also be normal), hemophilia A and B, DIC. Drugs: heparin, direct thrombin inhibitor (eg, hirudin, argatroban), warfarin.

Decreased in: Hypercoagulable states (eg, increased factor VIII levels).

Comments

APTT cannot be used to monitor very high doses of heparin (eg, cardiac bypass surgery) because the clotting time is beyond the analytical measurement range of APTT. Heparin contamination is a very common cause of an unexplained prolonged APTT. Heparin neutralization with heparinase may be needed to rule out this possibility.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.