



Labsmart Software

Sample Letterhead

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

Age / Sex : 28 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1027



1027

Registered on : 29/10/2024 01:41 PM
Collected on : 29/10/2024
Received on : 29/10/2024
Reported on : 29/10/2024 01:41 PM

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**HAEMATOLOGY**

TEST	VALUE	UNIT	REFERENCE
PROTHROMBIN TIME, PT/INR			
PATIENT VALUE	14	seconds	10 - 16
CONTROL VALUE	9	seconds	
ISI (INTERNATIONAL SENSITIVITY INDEX)	1		
INR VALUE	1.56		

Physiologic Basis

PT evaluates the extrinsic and common coagulation pathways. The time required for fibrin clot formation is determined. It is most sensitive to deficiencies in the vitamin K-dependent clotting factors II, VII, and X. It is also sensitive to deficiency of factor V. It is less sensitive to fibrinogen deficiency and heparin. PT/INR tests are increasingly being used for monitoring warfarin therapy.

Interpretation

Increased in: Warfarin, liver disease, DIC, vitamin K deficiency, hereditary deficiency in factors VII, X, V and II, fibrinogen abnormality (eg, hypofibrinogenemia, afibrinogenemia, dysfibrinogenemia), circulating anticoagulant affecting the PT system (rarely lupus anticoagulant), massive transfusion.

Decreased in: Recombinant factor F VII treatment

Comments

Warfarin therapeutic range is INR 2.0 - 3.0. Bleeding has been reported to be 3 x more common in patients with INRs of 3.0-4.5 than in patients with INRs of 2.0-3.0.

~~~ 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.