

Patient Name : **MR. SHAKEEL AHMED**

DOB/Age/Gender : 64 years (Male)

Mobile No. : -

Patient ID : 47919



Referral : SELF

Source : **MEDICARE DIAGNOSTIC CENTER**

Sample Collected : Dec 04, 2022, 10:16 p.m.

Sample Received : Dec 04, 2022, 10:16 p.m.

Approved Date : Dec 04, 2022, 10:20 p.m.

Sample ID :



Test Description	Value(s)	Reference Range
<u>PROTHROMBIN TIME (PT)</u>		
Prothrombin Time.		
Prothrombin Time -Test	13.5	sec. 11 - 16
Control(MNPT)	13.0	sec. -
Ratio	1.04	-
Index	96.3	
PT(INR) Value	1.04	0.8 - 1.2

Interpretation:

1. INR is the parameter of choice in monitoring adequacy of oral anticoagulant therapy. Appropriate therapeutic range varies with the disease and treatment intensity .
2. Prolonged INR suggests potential bleeding disorder / bleeding complications .
3. Results should be clinically correlated.
4. Test conducted on Citrated plasma.

Recommended Therapeutic range for Oral Anticoagulant therapy:-**INR 2.0-3.0:**

- Treatment of Venous thrombosis & Pulmonary embolism .
- Prophylaxis of Venous thrombosis (High risk surgery) .
- Prevention of systemic embolism in tissue heart valves, AMI, Valvular heart disease & Atrial fibrillation .
- Bileaflet mechanical valve in aortic position.

INR 2.5-3.5:

- Mechanical prosthetic valves .
- Systemic recurrent emboli.

Comments:

Prothrombin time measures the extrinsic coagulation pathway which consists of activated Factor VII (VIIa), Tissue factor and Proteins of the common pathway (Factors X, V, II & Fibrinogen). This assay is used to control long term oral anticoagulant therapy, evaluation of liver function & to evaluate coagulation disorders specially factors involved in the extrinsic pathway like Factors V, VII, X, Prothrombin & Fibrinogen.




Dr. (Ms.) Harshali Bendgude
M.D. Microbiologist

HIGH-PERFORMANCE DIAGNOSTIC CENTER

Flat No.106, (B) SNO.169(PT) Nr. Unit No.26, Aarey Milk Colony, Goregaon (E),
Mumbai - 400065. Mo. 9082985986 • Email : highperformancediagnostic@gmail.com

Approved By



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51015

Test Description

Value(s)

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END OF REPORT



Dr. (Ms.) Harshali Bendgude
M.D. Microbiologist

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