

Dr. Vinay Chopra  
MD (Pathology & Microbiology)  
Chairman & Consultant Pathologist

Dr. Yugam Chopra  
MD (Pathology)  
CEO & Consultant Pathologist

NAME : Mr. RAJESH  
AGE/ GENDER : 59 YRS/MALE  
COLLECTED BY :  
REFERRED BY :  
BARCODE NO. : 01523268  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1713148  
REG. NO./LAB NO. : 012412310035  
REGISTRATION DATE : 31/Dec/2024 05:19 PM  
COLLECTION DATE : 31/Dec/2024 05:23PM  
REPORTING DATE : 31/Dec/2024 05:49PM

Test Name	Value	Unit	Biological Reference interval
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HAEMATOLOGY  
PLATELET COUNT (P/C)

PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE & MICROSCOPY	261000	/cmm	150000 - 450000
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NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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<b>BARCODE NO.</b>	: 01523268	<b>REPORTING DATE</b>	: 31/Dec/2024 05:59PM
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**BLEEDING TIME (BT)**

BLEEDING TIME (BT) by DUKE METHOD	1 MIN 45 SEC	MINS	1 - 5
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**CLOTTING TIME (CT)**

CLOTTING TIME (CT)	6 MIN 10 SEC	MINS	4 - 9
by CAPILLARY TUBE METHOD			



  
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<b>BARCODE NO.</b>	: 01523268	<b>REPORTING DATE</b>	: 31/Dec/2024 05:52PM
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### PROTHROMBIN TIME STUDIES (PT/INR)

PT TEST (PATIENT) by PHOTO OPTICAL CLOT DETECTION	16.3 <sup>H</sup>	SECS	11.5 - 14.5
PT (CONTROL) by PHOTO OPTICAL CLOT DETECTION	12	SECS	
ISI by PHOTO OPTICAL CLOT DETECTION	1.1		
INTERNATIONAL NORMALISED RATIO (INR) by PHOTO OPTICAL CLOT DETECTION	1.4 <sup>H</sup>		0.80 - 1.20
PT INDEX by PHOTO OPTICAL CLOT DETECTION	73.62	%	

#### INTERPRETATION:-

1. INR is the parameter of choice in monitoring adequacy of oral anti-coagulant 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 ANTI-COAGULANT THERAPY (INR)

INDICATION	INTERNATIONAL NORMALIZED RATIO (INR)
Treatment of venous thrombosis	2.0 - 3.0
Treatment of pulmonary embolism	
Prevention of systemic embolism in tissue heart valves	
Valvular heart disease	
Acute myocardial infarction	
Atrial fibrillation	
Bileaflet mechanical valve in aortic position	2.5 - 3.5
Recurrent embolism	
Mechanical heart valve	
Antiphospholipid antibodies <sup>+</sup>	

#### COMMENTS:



  
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The prothrombin time (PT) and its derived measures of prothrombin ratio (PR) and international normalized ratio (INR) are measures of the efficacy of the extrinsic pathway of coagulation. PT test reflects the adequacy of factors I (fibrinogen), II (prothrombin), V, VII, and X. It is used in conjunction with the activated partial thromboplastin time (aPTT) which measures the intrinsic pathway.

The common causes of prolonged prothrombin time are :

- 1.Oral Anticoagulant therapy.
- 2.Liver disease.
- 3.Vit K. deficiency.
- 4.Disseminated intra vascular coagulation.
- 5.Factor 5, 7 , 10 or Prothrombin deficiency

\*\*\* End Of Report \*\*\*





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