



BML506337

Laboratory Investigation Report

Name	: Mr. ROBINDERSINGH KULDEEPSINGH BAMBAH	Ref No.	: 45347
DOB	: 22/07/1986	Sample No.	: 2412518675
Age / Gender	: 38 Y 5 M / Male	Collected	: 27/12/2024 20:04
Referred by	: DR ENOMEN	Registered	: 28/12/2024 14:31
Centre	: CITICARE MEDICAL CENTER	Reported	: 28/12/2024 15:18

HAEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
APTT (ACTIVATED PARTIAL THROMBOPLASTIN TIME)	34.8		seconds	25.4 - 38.4	Photo-Optical

Please note change in method and reference range (Source: Kit literature)

INTERPRETATION NOTES :

For unfractionated heparin the activated partial thromboplastin time (aPTT) and/or activated clotting time are commonly used, but the heparin assay (factor Xa inhibition) may also be employed. For low molecular weight heparin or danaparoid, monitoring is often not necessary, but the heparin assay (Xa inhibition assay) may be used in certain circumstances, as the aPTT is generally insensitive to the effect of these agents. Direct parenteral thrombin inhibitors are often monitored using the aPTT. The thrombin time may be useful to qualitatively verify the presence of direct thrombin inhibitors. Direct oral anticoagulant medications (non-vitamin K) should not be monitored with PT/INR or aPTT because the effect of these tests is not predictable.

PROTHROMBIN TIME (PT-INR)

Prothrombin Time	9.8		seconds	9.1 - 12.1	Photo-Optical
CONTROL (PT)	11.6		seconds	9.9 - 12.9	Photo-Optical
International Normalized Ratio (INR)	0.852			0.8 - 1.2	Calculation
				Therapeutic range: below*	Refer

INTERPRETATION NOTES :

For vitamin K antagonists (eg, warfarin), the prothrombin time (PT/INR) is recommended. Direct oral anticoagulant medications (non-vitamin K) should not be monitored with PT/INR or aPTT because the effect of these tests is not predictable.

*INR THERAPEUTIC RANGE:

Standard intensity warfarin therapeutic range: 2.0 – 3.0

High intensity warfarin therapeutic range: 2.5 – 3.5

Source: Mayo Clinic Laboratories

Sample Type : Citrated Plasma

End of Report

Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

Gyoma V. Shah
Dr. Vyoma V Shah
M.D (Pathology)
Clinical Pathologist

Thahsina Anees
Thahsina Anees
Laboratory Technologist

This is an electronically authenticated report

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Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.

