

Patient Name : B/O.SUNITA	Visit No : CHA250046908
Age/Gender : 5 Y/M	Registration ON : 17/Mar/2025 11:16AM
<b>Lab No : 10144203</b>	Sample Collected ON : 17/Mar/2025 11:18AM
Referred By : Dr.KGMU	Sample Received ON : 17/Mar/2025 11:18AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 17/Mar/2025 02:18PM
Doctor Advice : APTT,BLOOD GROUP,BTCT,CREATININE,DLC,GBP,HB,HBsAg (QUANTITATIVE),HCV,LFT,NA+K+,PLAT COUNT,PT/PC/INR,TLC,UREA,RANDOM,HIV	



PRE SURGICAL (RD1)				
Test Name	Result	Unit	Bio. Ref. Range	Method

BLOOD GROUP				
Blood Group	"AB"			
Rh (Anti -D)	POSITIVE			

PT/PC/INR				
PROTHROMBIN TIME	13 Second		13 Second	Clotting Assay
Prothromin concentration	100 %		100 %	
INR (International Normalized Ratio)	1.00		1.0	

APTT				
Sample Type : SODIUM CITRATE				
APTT				
APTT Patient Value	26 Seconds	Seconds	26 - 38	Clotting Assay

**INTERPRETATION**

Determination of APTT helps in estimating abnormality in most of the clotting factors of the intrinsic pathway including congenital deficiency of factor VIII, IX, XI, and XII and is also a sensitive procedure for generating heparin response curve for monitoring heparin therapy.

**Causes of a prolonged APTT:**

- Disseminated intravascular coagulation.
- Liver disease.
- Massive transfusion with stored blood.
- Administration of heparin or contamination with heparin.
- A circulating anticoagulant.
- Deficiency of a coagulation factor other than factor VII.
- APTT is also moderately prolonged in patients on oral anticoagulant drugs and in the presence of Vitamin K deficiency.

**Limitations of assay:**

- Abnormalities of coagulation factor VII, factor XIII and platelets are not detected by this test procedure.
- Platelet factor IV, a heparin neutralizing factor can be released due to platelet aggregation or damage and may influence the test.
- Decrease in APTT time is observed in males under estrogen therapy and oral contraceptive administration in females.
- APTT based heparin therapeutic range is not established for this assay.

[Checked By]

Print.Date/Time: 17-03-2025 15:59:03

\*Patient Identity Has Not Been Verified. Not For Medicolegal



*Sharma*

DR. NISHANT SHARMA DR. SHADAB DR. SYED SAIF AHMAD  
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBsAg (HEPATITIS B SURFACE ANTIGEN)</b>				
HEPATITIS B SURFACE ANTIGEN	NON REACTIVE		< 1.0 : NON REACTIVE~> ( Sandwich Assay) 1.0 : REACTIVE	
<b>HIV</b>				
HIV-SEROLOGY	NON REACTIVE		<1.0 : NON REACTIVE >1.0 : REACTIVE	
<b>HCV</b>				
Anti-Hepatitis C Virus Antibodies.	NON REACTIVE		< 1.0 : NON REACTIVE > 1.0 : REACTIVE	Sandwich Assay
<b>BT/CT</b>				
BLEEDING TIME (BT)	3 mint 15 sec	mins	2 - 8	
CLOTTING TIME (CT)	6 mint 30 sec		3 - 10 MINS.	

CHARAK

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**PRE SURGICAL (RD1)**

Test Name	Result	Unit	Bio. Ref. Range	Method
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<b>HAEMOGLOBIN</b>				
Hb	10.5	g/dl	11 - 15	Non Cyanide

**Comment:**  
Hemoglobin screening helps to diagnose conditions that affect RBCs such as anemia or polycythemia.

<b>TLC</b>				
TOTAL LEUCOCYTES COUNT	10820	/cmm	5000 - 15000	Flocytometry

<b>DLC</b>				
NEUTROPHIL	42	%	25 - 55	Flowcytometry
LYMPHOCYTE	48	%	20-70	Flowcytometry
EOSINOPHIL	7	%	1 - 6	Flowcytometry
MONOCYTE	3	%	0 - 8	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry

<b>PLATELET COUNT</b>				
PLATELET COUNT	333,000	/cmm	150000 - 500000	Elect Imped..
PLATELET COUNT (MANUAL)	333000	/cmm	150000 - 500000	Microscopy .

**COMMENTS:**  
Platelet counts vary in various disorders; acquired, (infections-bacterial and viral), inherited, post blood transfusion, autoimmune and idiopathic disorders.

**GENERAL BLOOD PICTURE (GBP)**

Peripheral Blood Picture :  
Red blood cells are microcytic hypochromic. WBCs show eosinophilia. Platelets are adequate. No immature cells or parasite seen.

<b>BLOOD SUGAR RANDOM</b>				
BLOOD SUGAR RANDOM	106	mg/dl	70 - 170	Hexokinase

<b>NA+K+</b>				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.8	MEq/L	3.5 - 5.5	ISE Direct

<b>BLOOD UREA</b>				
BLOOD UREA	37.70	mg/dl	15 - 45	Urease, UV, Serum



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**PRE SURGICAL (RD1)**

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<b>SERUM CREATININE</b>				
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

<b>LIVER FUNCTION TEST</b>				
TOTAL BILIRUBIN	1.04	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED ( D. Bilirubin)	0.21	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED ( I.D. Bilirubin)	0.83	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	<b>353.20</b>	U/L	93 - 309	PNPP, AMP Buffer
SGPT	<b>44.0</b>	U/L	5 - 40	UV without P5P
SGOT	<b>45.0</b>	U/L	5 - 40	UV without P5P

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

**CHARAK**



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