

Patient Name	: Mr. RAGHUVVEER	Visit No	: CHA250036850
Age/Gender	: 53 Y/M	Registration ON	: 01/Mar/2025 11:11AM
<b>Lab No</b>	<b>: 10134146</b>	Sample Collected ON	: 01/Mar/2025 11:15AM
Referred By	: Dr. KGMU	Sample Received ON	: 01/Mar/2025 11:15AM
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 01/Mar/2025 02:30PM
Doctor Advice	: URINE COM. EXMAMINATION, HBA1C (EDTA), LIPID-PROFILE, FASTING, ECG, CALCIUM, LFT, NA+K+, CREATININE, UREA, CBC (WHOLE BLOOD), USG WHOLE ABDOMEN		



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBA1C</b>				
Glycosylated Hemoglobin (HbA1c)	5.7	%	4 - 5.7	HPLC (EDTA)

**NOTE:-**

Glycosylated Hemoglobin Test (HbA1c) is performed in this laboratory by the Gold Standard Reference method, ie: HPLC Technology (High performance Liquid Chromatography D10) from Bio-Rad Laboratories. USA.

**EXPECTED ( RESULT ) RANGE :**

Bio system	Degree of normal
4.0 - 5.7 %	Normal Value (OR) Non Diabetic
5.8 - 6.4 %	Pre Diabetic Stage
> 6.5 %	Diabetic (or) Diabetic stage
6.5 - 7.0 %	Well Controlled Diabet
7.1 - 8.0 %	Unsatisfactory Control
> 8.0 %	Poor Control and needs treatment

<b>SERUM CALCIUM</b>				
CALCIUM	10	mg/dl	8.8 - 10.2	dapta / arsenazo III

<b>LIPID-PROFILE</b>				
Cholesterol/HDL Ratio	4.95	Ratio		Calculated
LDL / HDL RATIO	3.37	Ratio		Calculated
			Desirable / low risk - 0.5 -3.0	
			Low/ Moderate risk - 3.0-6.0	
			Elevated / High risk - >6.0	
			Desirable / low risk - 0.5 -3.0	
			Low/ Moderate risk - 3.0-6.0	
			Elevated / High risk - > 6.0	



[Checked By]

Print.Date/Time: 01-03-2025 16:55:32

\*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
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**URINE EXAMINATION REPORT**

Colour-U	Light yellow		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	<b>1.010</b>		1.005 - 1.025	
pH-Urine	Acidic (6.0)		4.5 - 8.0	
PROTEIN	Absent	mg/dl	ABSENT	Dipstick
Glucose	Absent			
Ketones	Absent		Absent	
Bilirubin-U	Absent		Absent	
Blood-U	Absent		Absent	
Urobilinogen-U	0.20	EU/dL	0.2 - 1.0	
Leukocytes-U	Absent		Absent	
NITRITE	Absent		Absent	
<b>MICROSCOPIC EXAMINATION</b>				
Pus cells / hpf	Occasional	/hpf	< 5/hpf	
Epithelial Cells	Occasional	/hpf	0 - 5	
RBC / hpf	Nil		< 3/hpf	

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	13.8	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.70	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	42.4	%	36 - 45	Pulse hieght detection
MCV	90.6	fL	80 - 96	calculated
MCH	29.5	pg	27 - 33	Calculated
MCHC	32.5	g/dL	30 - 36	Calculated
RDW	<b>15.2</b>	%	11 - 15	RBC histogram derivation
RETIC	0.8 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	8750	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	67	%	40 - 75	Flowcytometry
LYMPHOCYTES	27	%	25 - 45	Flowcytometry
EOSINOPHIL	3	%	1 - 6	Flowcytometry
MONOCYTE	3	%	2 - 10	Flowcytometry
BASOPHIL	<b>0</b>	%	00 - 01	Flowcytometry
PLATELET COUNT	217,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	217000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	5,862	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	2,362	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	262	/cmm	20-500	Calculated
Absolute Monocytes Count	262	/cmm	200-1000	Calculated
Mentzer Index	19			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic. Platelets are adequate. No immature cells or parasite seen.



[Checked By]



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Referred By : Dr. KGMU	Sample Received ON : 01/Mar/2025 11:31AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 01/Mar/2025 12:47PM
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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>FASTING</b>				
Blood Sugar Fasting	102.7	mg/dl	70 - 110	Hexokinase
<b>NA+K+</b>				
SODIUM Serum	139.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.3	MEq/L	3.5 - 5.5	ISE Direct
<b>BLOOD UREA</b>				
BLOOD UREA	24.80	mg/dl	15 - 45	Urease, UV, Serum
<b>SERUM CREATININE</b>				
CREATININE	0.70	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
<b>LIVER FUNCTION TEST</b>				
TOTAL BILIRUBIN	<b>1.46</b>	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED ( D. Bilirubin)	0.25	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED ( I.D. Bilirubin)	<b>1.21</b>	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	115.40	U/L	30 - 120	PNPP, AMP Buffer
SGPT	29.0	U/L	5 - 40	UV without P5P
SGOT	30.0	U/L	5 - 40	UV without P5P

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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>LIPID-PROFILE</b>				
TOTAL CHOLESTEROL	211.90	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >/=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	125.30	mg/dL	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high: >/=500 mg/dl	Serum, Enzymatic, endpoint
H D L CHOLESTEROL	42.80	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	144.04	mg/dL	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	CO-PAP
VLDL	25.06	mg/dL	10 - 40	Calculated

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

CHARAK



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**ECG -REPORT**

RATE : 72 bpm

\* RHYTHM : Normal

\* P wave : Normal

\* PR interval : Normal

\* QRS Axis : Normal

Duration : Normal

Configuration : Normal

\* ST-T Changes : None

\* QT interval :

\* QTc interval : Sec.

\* Other :

**OPINION: ECG WITH IN NORMAL LIMITS**

(FINDING TO BE CORRELATED CLINICALLY )

**[DR. PANKAJ RASTOGI, MD, DM]**



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### **ULTRASOUND STUDY OF WHOLE ABDOMEN**

- **Liver** is mildly enlarged in size and shows increased echotexture of liver parenchyma. No intrahepatic biliary radicle dilatation is seen. No space occupying lesion is seen. Hepatic veins and IVC are seen normally.
- **Gall bladder** is normal in size and shows anechoic lumen. No calculus / mass lesion is seen. GB walls are not thickened.
- **CBD** is normal at porta. No obstructive lesion is seen.
- **Portal vein** Portal vein is normal at porta.
- **Pancreas** is normal in size and shows homogenous echotexture of parenchyma. PD is not dilated. No parenchymal calcification is seen. No peripancreatic collection is seen.
- **Spleen** is mildly enlarged in size (~ 136 mm) and shows homogenous echotexture of parenchyma. No SOL is seen.
- No retroperitoneal adenopathy is seen.
- No ascites is seen.
- **Both kidneys** are normal in size and position. No hydronephrosis is seen. No calculus or mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 80 x 40 mm in size. Left kidney measures 106 x 42 mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is normal in contour with anechoic lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- Bilateral seminal vesicles are seen normally.
- **Prostate** is enlarged in size, measures 48 x 41 x 44 mm with weight of 45gms with median lobe enlarged bulging into base of bladder and shows homogenous echotexture of parenchyma.
- Post void residual urine volume approx 45 cc.

### **OPINION:**

- **Mild hepato-splenomegaly with fatty infiltration of liver grade-I.**
- **Grade-II prostatomegaly with median lobe enlargement with significant post void residual urine volume (ADV: SPSA).**

**Clinical correlation is necessary.**

**[DR. R.K. SINGH, MD]**

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

