

Patient Name : Mr. ABHILASH SAXENA	Visit No : CHA250040221
Age/Gender : 71 Y/M	Registration ON : 06/Mar/2025 08:51AM
Lab No : 10137516	Sample Collected ON : 06/Mar/2025 08:55AM
Referred By : Dr. KRISHNA KUMAR MITRA (CGHS)	Sample Received ON : 06/Mar/2025 08:55AM
Refer Lab/Hosp : CGHS (BILLING)	Report Generated ON : 06/Mar/2025 10:50AM
Doctor Advice : URINE COM. EXMAMINATION, URINE C/S, HBA1C (EDTA), FASTING, PSA-TOTAL, KIDNEY FUNCTION TEST - I, LIPID-PROFILE	



Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C				
Glycosylated Hemoglobin (HbA1c)	7.6	%	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

LIPID-PROFILE

Cholesterol/HDL Ratio	3.72	Ratio	Calculated
LDL / HDL RATIO	1.82	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: 06-03-2025 16:05:10

*Patient Identity Has Not Been Verified. Not For Medicolegal

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DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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Test Name	Result	Unit	Bio. Ref. Range	Method
URINE EXAMINATION REPORT				
Colour-U	YELLOW		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	1.010		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	
MICROSCOPIC EXAMINATION				
Pus cells / hpf	Occasional	/hpf	< 5/hpf	
Epithelial Cells	1-2	/hpf	0 - 5	
RBC / hpf	Nil		< 3/hpf	

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Test Name	Result	Unit	Bio. Ref. Range	Method
FASTING				
Blood Sugar Fasting	105.5	mg/dl	70 - 110	Hexokinase
LIPID-PROFILE				
TOTAL CHOLESTEROL	138.00	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >/=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	166.00	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	37.10	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	67.70	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	33.20	mg/dL	10 - 40	Calculated
KIDNEY FUNCTION TEST - I				
Sample Type : SERUM				
BLOOD UREA	21.00	mg/dl	15 - 45	Urease, UV, Serum
CREATININE	0.90	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
SODIUM Serum	137.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.9	MEq/L	3.5 - 5.5	ISE Direct



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Test Name	Result	Unit	Bio. Ref. Range	Method
PSA-TOTAL				
PROSTATE SPECIFIC ANTIGEN	2.4	ng/mL	0.2-4.0	CLIA

COMMENT : 1. Prostate specific antigen (PSA) is useful for diagnosis of disseminated CA prostate & its equential measurement is the most sensitive measure of monitoring treatment of disseminated CA prostate with its shorter half life (half life of 2.2 days only) it is superior to prostatic acis phosphatase(PAP). PSA is elevated in nearly all patients with stage D carcinoma whereas PAP is elevated in only 45 % of patient. Mild PSA elevation are also reported in some patients of BHP.

2. Blood samples should be obtained before prostate biopsy or prostatecomy or prostatic massage or digital pre rectal examination as it may result intrasient levation of PSA value for few days.

NOTE :- PSA values obtained in different types of PSA assay methods cannot be used interchangeably as the PSA value in a given sample varies with assays from different manufactures due to difference in assay methodology and reagent specificity. If in the course of monitoring a patient the assay method used for determination is changed, additional sequential testing should be carried out to confirm baseline value.

DONE BY;
Enhanced Chemiluminescence "VITROS ECI"

*** End Of Report ***

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