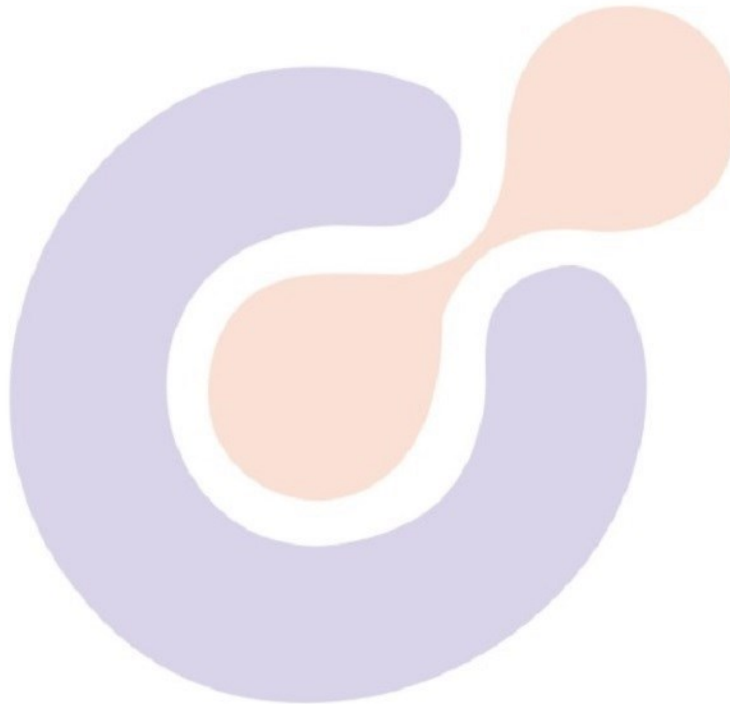


Patient Name : Mr. ALOK KUMAR	Visit No : CHA250045593
Age/Gender : 62 Y/M	Registration ON : 15/Mar/2025 08:54AM
Lab No : 10142888	Sample Collected ON : 15/Mar/2025 08:57AM
Referred By : Dr. ROHAN BAJPAI	Sample Received ON : 15/Mar/2025 09:20AM
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Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Erythrocyte Sedimentation Rate ESR	8.00		0 - 20	Westergreen



CHARAK

[Checked By]

Print.Date/Time: 15-03-2025 16:11:41

*Patient Identity Has Not Been Verified. Not For Medicolegal



Sharma

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
HBA1C				
Glycosylated Hemoglobin (HbA1c)	8.2	%	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	3.25	Ratio	Calculated
LDL / HDL RATIO	1.72	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: 15-03-2025 16:11:45

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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
URINE EXAMINATION REPORT				
Colour-U	STRAW		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	1.010		1.005 - 1.025	
pH-Urine	Alkaline (8.5)		4.5 - 8.0	
PROTEIN	Absent	mg/dl	ABSENT	Dipstick
Glucose	0.5 gm/dl			
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	Nil	/hpf	< 5/hpf	
Epithelial Cells	6-8	/hpf	0 - 5	
RBC / hpf	Nil		< 3/hpf	

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Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Hb	15.9	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.80	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	44.3	%	36 - 45	Pulse height detection
MCV	92.3	fL	80 - 96	calculated
MCH	33.1	pg	27 - 33	Calculated
MCHC	35.9	g/dL	30 - 36	Calculated
RDW	11.9	%	11 - 15	RBC histogram derivation
RETIC	1.0 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	10620	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	62	%	40 - 75	Flowcytometry
LYMPHOCYTE	23	%	20-40	Flowcytometry
EOSINOPHIL	11	%	1 - 6	Flowcytometry
MONOCYTE	4	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	236,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	236000	/cmm	150000 - 450000	Microscopy .
Mentzer Index	19			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic. WBCs show mild eosinophilia. Platelets are adequate. No immature cells or parasite seen.



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Test Name	Result	Unit	Bio. Ref. Range	Method
FASTING				
Blood Sugar Fasting	184.2	mg/dl	70 - 110	Hexokinase
PP				
Blood Sugar PP	273.3	mg/dl	up to - 170	Hexokinase
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	0.80	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.40	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	0.40	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	81.90	U/L	30 - 120	PNPP, AMP Buffer
SGPT	27.3	U/L	5 - 40	UV without P5P
SGOT	36.4	U/L	5 - 40	UV without P5P
LIPID-PROFILE				
TOTAL CHOLESTEROL	136.00	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	110.00	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	41.90	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	72.10	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	22.00	mg/dL	10 - 40	Calculated



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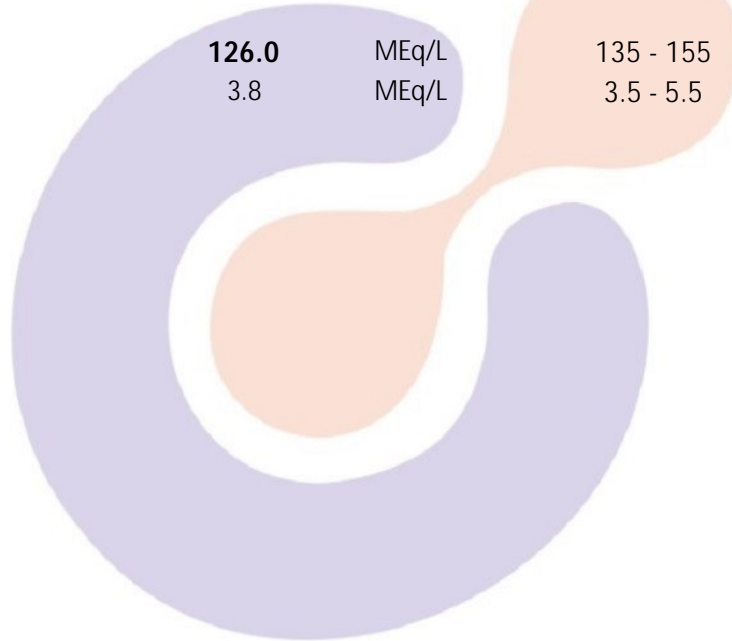
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Test Name	Result	Unit	Bio. Ref. Range	Method
KIDNEY FUNCTION TEST - I				
Sample Type : Serum				
BLOOD UREA	15.90	mg/dl	15 - 45	Urease, UV, Serum
CREATININE	0.80	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
SODIUM Serum	126.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	3.8	MEq/L	3.5 - 5.5	ISE Direct



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Test Name	Result	Unit	Bio. Ref. Range	Method
T3T4TSH				
T3	1.80	nmol/L	1.49-2.96	ECLIA
T4	128.00	n mol/l	63 - 177	ECLIA
TSH	2.30	uIU/ml	0.47 - 4.52	ECLIA

Note

- (1) Patients having low T3 & T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- (2) Patients having low T3 & T4 levels but high TSH levels suffer from grave's disease, toxic adenoma or sub-acute thyroiditis.
- (3) Patients having either low or normal T3 & T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- (4) Patients having high T3 & T4 levels but normal TSH levels may suffer from toxic multinodular goitre. This condition is mostly asymptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- (5) Patient with high or normal T3 & T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 Toxicosis respectively.
- (6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- (7) There are many drugs for eg. Glucocorticoids, dopamine, Lithium, iodides, oral radiographic dyes, etc. Which may affect the thyroid function tests.
- (8) Generally when total T3 & T4 results are indecisive then Free T3 & Free T4 test are recommended for further confirmation along with

(1 Beckman Dxi-600 2. ELECTRO-CHEMILUMINESCENCE TECHNIQUE BY ELECSYS -E411)

*** End Of Report ***

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