

Patient Name : Mr.PHOOL DEV YADAV	Visit No : CHA250046671
Age/Gender : 44 Y/M	Registration ON : 17/Mar/2025 09: 28AM
<b>Lab No : 10143966</b>	Sample Collected ON : 17/Mar/2025 09: 30AM
Referred By : Dr.MANISH GUTCH**	Sample Received ON : 17/Mar/2025 09: 30AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 17/Mar/2025 10: 25AM
Doctor Advice : LIPID-PROFILE,TSH,HBA1C (EDTA),URINE COM. EXMAMINATION,CREATININE,UREA,NA+K+,LFT,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HBA1C</b>				
Glycosylated Hemoglobin (HbA1c )	9.7	%	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

**LIPID-PROFILE**

Cholesterol/HDL Ratio	4.99	Ratio	Calculated
LDL / HDL RATIO	1.29	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: 17-03-2025 13:11:03

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

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

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**URINE EXAMINATION REPORT**

Colour-U	<b>Light yellow</b>		Light Yellow	
Appearance (Urine)	CLEAR		Clear	
Specific Gravity	<b>1.015</b>		1.005 - 1.025	
pH-Urine	Acidic (6.0)		4.5 - 8.0	
PROTEIN	PRESENT IN TRACE	mg/dl	ABSENT	Dipstick
Glucose	1.0 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	
<b>MICROSCOPIC EXAMINATION</b>				
Pus cells / hpf	Occasional	/hpf	< 5/hpf	
Epithelial Cells	3-4	/hpf	0 - 5	
RBC / hpf	Nil		< 3/hpf	

CHARAK

[Checked By]



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Doctor Advice : LIPID-PROFILE,TSH,HBA1C (EDTA),URINE COM. EXMAMINATION,CREATININE,UREA,NA+K+,LFT,CBC (WHOLE BLOOD)	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	11.7	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	3.80	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	35.5	%	36 - 45	Pulse hieght detection
MCV	93.2	fL	80 - 96	calculated
MCH	30.7	pg	27 - 33	Calculated
MCHC	33	g/dL	30 - 36	Calculated
RDW	15.9	%	11 - 15	RBC histogram derivation
RETIC	0.9 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	7470	/cmm	4000 - 10000	Flocytrometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	65	%	40 - 75	Flowcytometry
LYMPHOCYTES	25	%	25 - 45	Flowcytometry
EOSINOPHIL	7	%	1 - 6	Flowcytometry
MONOCYTE	3	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	94,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	120000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	4,856	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,868	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	523	/cmm	20-500	Calculated
Absolute Monocytes Count	224	/cmm	200-1000	Calculated
Mentzer Index	25			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic with anisocytosis+. Platelets are reduced. No immature cells or parasite seen.



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Test Name	Result	Unit	Bio. Ref. Range	Method
<b>NA+K+</b>				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.5	MEq/L	3.5 - 5.5	ISE Direct
<b>BLOOD UREA</b>				
BLOOD UREA	39.80	mg/dl	15 - 45	Urease, UV, Serum
<b>SERUM CREATININE</b>				
CREATININE	1.00	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
<b>LIVER FUNCTION TEST</b>				
TOTAL BILIRUBIN	<b>1.34</b>	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED ( D. Bilirubin)	0.20	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED ( I.D. Bilirubin)	<b>1.14</b>	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	87.90	U/L	30 - 120	PNPP, AMP Buffer
SGPT	32.0	U/L	5 - 40	UV without P5P
SGOT	24.0	U/L	5 - 40	UV without P5P

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**LIPID-PROFILE**

TOTAL CHOLESTEROL	154.30	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High:>/=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	<b>522.00</b>	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	30.90	mg/dL	30-70 mg/dl	CHER-CHOD-PAP
L D L CHOLESTEROL	39.88	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	<b>83.52</b>	mg/dL	10 - 40	Calculated

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Test Name	Result	Unit	Bio. Ref. Range	Method
TSH				
TSH	4.40	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 mysedema 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 cacabolic state and may revert tonormal when the patient recovers.
- (7) There are many drugs for eg.Glucocorticoids ,dopamine,Lithium,iodides ,oral radiographic dyes,ets.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-CHEMILUMINISCENCE TECHINIQUE BY ELECSYSYS -E411 )

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

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