

Patient Name : Mr.ANEES AHMAD	Visit No : CHA250042354
Age/Gender : 50 Y/M	Registration ON : 09/Mar/2025 11:07AM
<b>Lab No : 10139649</b>	Sample Collected ON : 09/Mar/2025 11:10AM
Referred By : Dr.ATUL CHAND RASTOGI	Sample Received ON : 09/Mar/2025 11:25AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 09/Mar/2025 12:39PM
Doctor Advice : T3T4TSH,CREATININE,CBC (WHOLE BLOOD),PP,FASTING	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>CBC (COMPLETE BLOOD COUNT)</b>				
Hb	14.8	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	<b>5.10</b>	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	<b>45.1</b>	%	36 - 45	Pulse hieght detection
MCV	87.9	fL	80 - 96	calculated
MCH	28.8	pg	27 - 33	Calculated
MCHC	32.8	g/dL	30 - 36	Calculated
RDW	12.9	%	11 - 15	RBC histogram derivation
RETIC	0.7 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	5640	/cmm	4000 - 10000	Flocytometry
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>				
NEUTROPHIL	59	%	40 - 75	Flowcytometry
LYMPHOCYTES	31	%	25 - 45	Flowcytometry
EOSINOPHIL	4	%	1 - 6	Flowcytometry
MONOCYTE	6	%	2 - 10	Flowcytometry
BASOPHIL	<b>0</b>	%	00 - 01	Flowcytometry
PLATELET COUNT	192,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	192000	/cmm	150000 - 450000	Microscopy .
Absolute Neutrophils Count	3,328	/cmm	2000 - 7000	Calculated
Absolute Lymphocytes Count	1,748	/cmm	1000-3000	Calculated
Absolute Eosinophils Count	226	/cmm	20-500	Calculated
Absolute Monocytes Count	338	/cmm	200-1000	Calculated
Mentzer Index	17			
Peripheral Blood Picture	:			

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



[Checked By]



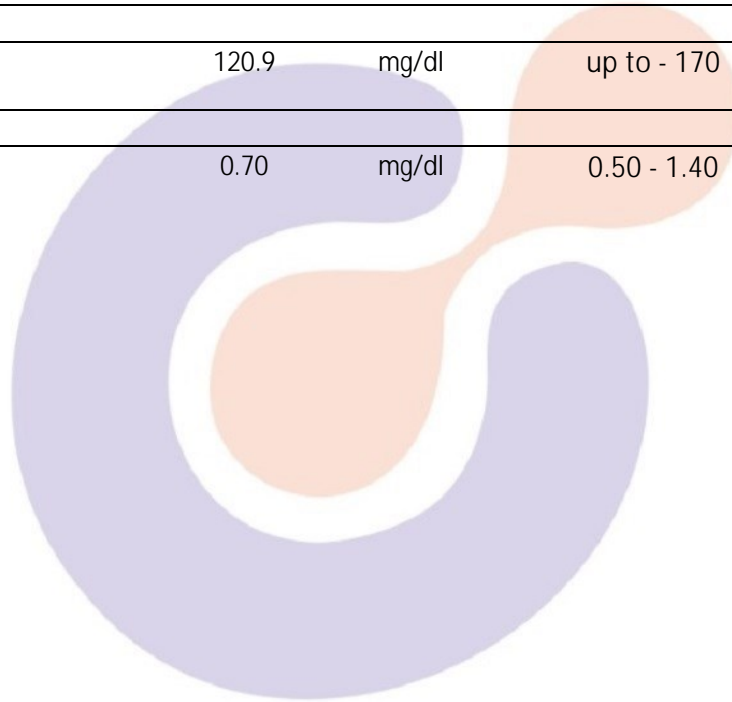
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DR. NISHANT SHARMA PATHOLOGIST    DR. SHADAB PATHOLOGIST    Dr. SYED SAIF AHMAD MD (MICROBIOLOGY)

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Referred By : Dr.ATUL CHAND RASTOGI	Sample Received ON : 09/Mar/2025 11:35AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 09/Mar/2025 12:30PM
Doctor Advice : T3T4TSH,CREATININE,CBC (WHOLE BLOOD),PP,FASTING	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>FASTING</b>				
Blood Sugar Fasting	95.4	mg/dl	70 - 110	Hexokinase
<b>PP</b>				
Blood Sugar PP	120.9	mg/dl	up to - 170	Hexokinase
<b>SERUM CREATININE</b>				
CREATININE	0.70	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic



**CHARAK**



[Checked By]



*Sharma*

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

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Refer Lab/Hosp : CHARAK NA	Report Generated ON : 09/Mar/2025 01:17PM
Doctor Advice : T3T4TSH,CREATININE,CBC (WHOLE BLOOD),PP,FASTING	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>T3T4TSH</b>				
T3	2.12	nmol/L	1.49-2.96	ECLIA
T4	157.74	n mol/l	63 - 177	ECLIA
TSH	<b>6.50</b>	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 \*\*\*

CHARAK



[Checked By]



*Sharma*

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