

Patient Name : Mr.SUMBUL	Visit No : CHA250044294
Age/Gender : 30 Y/M	Registration ON : 12/Mar/2025 07:58AM
<b>Lab No : 10141589</b>	Sample Collected ON : 12/Mar/2025 07:59AM
Referred By : Dr.MOHD ISLAM	Sample Received ON : 12/Mar/2025 09:44AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 12/Mar/2025 10:13AM
Doctor Advice : T3T4TSH,HB	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>HAEMOGLOBIN</b>				
Hb	<b>10.7</b>	g/dl	12 - 15	Non Cyanide

**Comment:**

Hemoglobin screening helps to diagnose conditions that affect RBCs such as anemia or polycythemia.



**CHARAK**



MC-2491

Print.Date/Time: 12-03-2025 10:45:55

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



*Sharma*

DR. NISHANT SHARMA  
PATHOLOGIST

DR. SHADAB  
PATHOLOGIST

Dr. SYED SAIF AHMAD  
MD (MICROBIOLOGY)

Patient Name : Mr.SUMBUL	Visit No : CHA250044294
Age/Gender : 30 Y/M	Registration ON : 12/Mar/2025 07:45AM
<b>Lab No : 10141589</b>	Sample Collected ON : 12/Mar/2025 07:47AM
Referred By : Dr.MOHD ISLAM	Sample Received ON : 12/Mar/2025 08:19AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 12/Mar/2025 09:39AM
Doctor Advice : T3T4TSH,HB	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>T3T4TSH</b>				
T3	2.12	nmol/L	1.49-2.96	ECLIA
T4	116.00	n mol/l	63 - 177	ECLIA
TSH	<b>5.30</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 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 \*\*\*

CHARAK



[Checked By]



*Sharma*

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