

Patient Name : Ms.RUBEENA	Visit No : CHA250046054
Age/Gender : 26 Y/F	Registration ON : 15/Mar/2025 08:02PM
<b>Lab No : 10143349</b>	Sample Collected ON : 15/Mar/2025 08:06PM
Referred By : Dr.MOHD RIZWANUL HAQUE	Sample Received ON : 15/Mar/2025 08:23PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 16/Mar/2025 09:16AM
Doctor Advice : FT4,TSH	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>FT4</b>				
FT4	53.4	pmol/L	7.86 - 14.42	CLIA

**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 TSH levels.

( ELECTRO-CHEMILUMINESCENCE TECHNIQUE BY ELECSYS -2010 )

**CHARAK**

[Checked By]

Print.Date/Time: 16-03-2025 09:50:55

\*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
<b>TSH</b>				
TSH	<b>0.10</b>	uIU/ml	0.47 - 4.52	ECLIA

NOTE – Findings checked twice. Please correlate clinically.

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

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



*Sharma*