Dr. Ricky Sarvan Mr. Jaysukh Kothia MD. Microbiology M.Sc. (Micro.) (DMLT)





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Passport No :	LABORATORY TEST REF	PORT
Patient Information	Sample Information	Client/Location Information
Name : Mr Pratik Chhatriwala	Lab ld : 052315301177	Client Name : Spectra Diagnostics Lab@Adajan
Sex/Age : Male / 33 Y	Registration on : 13-May-2023 10:07 Collected at : non SAWPL	Location :
Ref. Id : Ref. By : Spectra Diagnostic Laboratory	Collected on : 13-May-2023 10:33 Sample Type : Serum	Approved on : 13-May-2023 11:25 Status : Final Printed On : 13-May-2023 11:24 Process At : 153. Lab SAWPL Gujarat Surat Adajan

## **Thyroid Function Test**

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Result	Unit	Biological Ref. Interval
0.98	ng/mL	0.58 - 1.59
7.61	micro g/dL	4.87 - 11.72
1.7970	microIU/mL	0.35 - 4.94
	0.98 7.61	<ul><li>0.98 ng/mL</li><li>7.61 micro g/dL</li></ul>

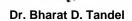
## Interpretation

TSH	T3/FT3	T4/FT4	Suggested Interpretation for the Thyroid Function Tests Pattern	
Within Range	Decreased	Within Range	Isolated low T3 often seen in elderly & associated Non-Thyroid illness. In elderly the drop in T3 level can be up to 25%	
Raised	Within Range	Within Range	<ul> <li>Isolated High TSH Especially in the range of 4.7 to 15 mIU/ml is commonly associated with physiological &amp; Biological TSH Variability.</li> <li>Subclinical Autoimmune Hypothyroidism.</li> <li>Intermediate T4 therapy for hypothyroidism.</li> <li>Recovery phase after Non-Thyroidal illness.</li> </ul>	
Raised	Decreased	Decreased	Chronic Autoimmune Thyroiditis.     Post thyroidectomy, post radioiodine.     Hypothyroid phase of transient thyroiditis.	
Raised or Within Range	Raised	Raised or Within Range	Interfering antibodies to thyroid hormones (anti-TPO antibodies)     Intermediate T4 therapy of T4 overdose.     Drug Interference-Amiodarone, Heparin, Beta blocker, steroids, antiepileptics.	
Decreased	Raised or Within Range	Raised or Within Range	Isolated Low TSH – Especially in the range of 0.1 to 0.4 often seen in elderly & associated with Non-Thyroidal illness.     Subclinical Hypothyroidism.     Thyroxine ingestion.	
Decreased	Decreased	Decreased	Central Hypothyroidism.     Non-Thyroidal illness.     Recent treatment for Hypothyroidism (TSH remains suppressed)	
Decreased	Raised	Raised	<ul> <li>Primary Hyperthyroidism (Graves' disease), Multinodular goitre Toxic nodule.</li> <li>Transient thyroiditis: postpartum, Silent(lymphocytic), Post viral (granulomatous, subacute, DeQuervain'a) Gestational thyrotoxicosis hyperemesis gravidarum.</li> </ul>	
Decreased or Within Range	Raised	Within Range	T3 toxicosis. Non-Thyroidal illness.	

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M.D. Pathology

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