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LABORATORY TEST REPORT



Patient Information		Sample Information		Client/Location Information	
Name	: Mr Pratik Chhatriwala	Lab Id	: 052315301177	Client Name	: Spectra Diagnostics Lab@Adajan
Sex/Age	: Male / 33 Y	Registration on	: 13-May-2023 10:07	Location	:
Ref. Id	:	Collected at	: non SAWPL	Approved on	: 13-May-2023 11:25 Status : Final
Ref. By	: Spectra Diagnostic Laboratory	Collected on	: 13-May-2023 10:33	Printed On	: 13-May-2023 11:24
		Sample Type	: Serum	Process At	: 153. Lab SAWPL Gujarat Surat Adajan

Thyroid Function Test

Test	Result	Unit	Biological Ref. Interval
T3 - Triiodothyronine <i>Chemiluminescence</i>	0.98	ng/mL	0.58 - 1.59
T4 - Thyroxine <i>Chemiluminescence</i>	7.61	micro g/dL	4.87 - 11.72
TSH - Thyroid Stimulating Hormone <i>Chemiluminescence</i>	1.7970	microIU/mL	0.35 - 4.94

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	- Isolated High TSH Especially in the range of 4.7 to 15 mIU/ml is commonly associated with physiological & Biological TSH Variability. - Subclinical Autoimmune Hypothyroidism. - Intermediate T4 therapy for hypothyroidism. - Recovery phase after Non-Thyroidal illness.
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, anti-epileptics.
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	- Primary Hyperthyroidism (Graves' disease), Multinodular goitre Toxic nodule. - Transient thyroiditis: postpartum, Silent(lymphocytic), Post viral (granulomatous, subacute, DeQuervain'a) Gestational thyrotoxicosis hyperemesis gravidarum.
Decreased or Within Range	Raised	Within Range	- T3 toxicosis. - Non-Thyroidal illness.

----- End Of Report -----

This is an Electronically Authenticated Report.

Dr. Bharat D. Tandel

M.D. Pathology

A-5 Jay Jalaram Society, B/H DGVCL Office , Palanpur Patia, Rander Rd, surat 395005, P 2775550,2779805