

Name : **Miss. PAVITHRA**
 Age : 21 Years
 Sex : Female



SID No : SVK 003140

Registered Date : 03/06/2020 / 15:23

Collected Date : 03/06/2020 / 16:04

Reported Date : 03/06/2020 / 16:33

Ref. By : NATARAJ CLINIC LABORATORY.

Sample Collected and sent **FINAL TEST REPORT**

TEST DESCRIPTION	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
FREE THYROID PROFILE (Serum/CLIA)			
FREE T3	2.65	pg/ml	1.40 - 4.40
FREE T4	1.01	ng/dl	0.70 - 2.00
TSH 3 RD GEN	3.24	µIU/mL	0.30 - 5.50

INTERPRETATION

During PREGNANCY TSH Values :
 First Trimester: 0.1 - 2.5
 Second Trimester: 0.2 - 3.0
 Third Trimester: 0.3 - 3.0

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-Thyroidal illness. In elderly the drop in T3 level can be upto 25%.
Raised	Within Range	Within Range	•Isolated High TSH especially in the range of 5.6 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability. •Subclinical Autoimmune Hypothyroidism •Intermittent 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) •Intermittent T4 therapy or T4 overdose •Drug interference - Amiodarone, Heparin, Beta blockers, steroids, anti-epileptics"
Decreased	Raised or within Range	Raised or within Range	•Isolated Low TSH -especially in the range of 0.1 to 0.29 often seen in elderly & associated with Non-Thyroidal illness •Subclinical Hyperthyroidism •Thyroxine ingestion"
Decreased	Decreased	Decreased	•Central Hypothyroidism •Non-Thyroidal illness •Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased	Raised	Raised	•Primary Hyperthyroidism (Graves' disease), Multinodular goitre, Toxic nodule •Transient thyroiditis: Postpartum, Silent (lymphocytic), Postviral (granulomatous, subacute, DeQuervain's), Gestational thyrotoxicosis with hyperemesis gravidarum"
Decreased or within Range	Raised	Within Range	•T3 toxicosis •Non-Thyroidal illness

- References:
 1. Interpretation of thyroid function tests. Dayan et al. THE LANCET • Vol 357 • February 24, 2001
 2. Laboratory Evaluation of Thyroid Function, Indian Thyroid Guidelines, JAPI, January 2011, vol. 59

End of the Report

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