



Mr. DANIEL DEMENYA ABOCHIE

Tel No : 123

PID NO: P36170016670

Age: 46 Year(s) Sex: Male

Reference: Dr.GILEAD MEDICAL

Sample Collected At:  
Ghana

VID: 36170116800

Registered On:  
06/11/2017 06:35 PM  
Collected On:  
07/11/2017 12:05AM  
Reported On:  
07/11/2017 03:49 PM

Investigation	Observed Value	Unit	Biological Reference Interval
<b>Thyroid panel - 2( FT3, FT4, TSH)</b>			
(Serum)			
<b>Free T3</b>	3.40	pg/mL	2.8-7.3
(CMIA)			
<b>Free T4</b>	12.4	ng/dL	8.5-22.5
(CMIA)			
<b>TSH(Ultrasensitive)</b>	1.51	μIU/mL	0.45-4.5

## 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-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 4.7 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 0.4 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 Report --

*Hi Prince,  
Kindly upload  
this report (Adu)  
Dr. David Adu  
Mr. Demenya  
M. T. Adu*

Refer to conditions of reporting overleaf

*Mr. David Adu*

Mr. David Adjei Adu  
Bsc. Biomedical Scientists

Results relate only to the sample as received