



Mr. KLEDO MAWULI

Tel No : 2345678764567

PID NO: P36170021977

Age: 39 Year(s) Sex: Male

Reference: Dr.GILEAD MEDICAL

Sample Collected At:
Ghana

VID: 36170122191

Registered On:

11/01/2018 04:57 PM

Collected On:

11/01/2018 10:27PM

Reported On:

11/01/2018 10:24 PM

Investigation	Observed Value	Unit	Biological Reference Interval
Thyroid panel-1 (T3/T4/TSH)			
(Serum)			
T3 (Total) (CMIA)	0.46	ng/dL	Male: <= 3 Days : 100-740 Male: 3 - 365 Days : 105 - 245 Male: 1 - 5 Years : 105 - 269 Male: 5 - 10 Years : 94 - 241 Both: > 10 Years : 0.52-1.85 : 0.52 - 1.85
T4 (Total) (CMIA)	6.65	µg/dL	4.4-10.8
TSH(Ultrassensitive)	0.58	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 --

Page 1 of 1 **Referred Mr. David Adjei Adu sample as received
Bsc.Biomedical Scientists