

ID No. : **2505/NM-211**
Patient Name : **SALINA YEASMIN**
Sex / Age : Female / 30 Year
Referred By : SELF

Booking on : 10/05/2025
Sample Received on : 10/05/2025
Reported on : 10/05/2025

Cal
Page 1 of 1

HORMONE FUNCTION TEST REPORT
BY CHEMILUMINESCENCE ASSAY (C.L.I.A.)

<u>INVESTIGATION</u>	<u>RESULT</u>	<u>UNIT</u>	<u>BIO. REFERENCE VALUE</u>
Thyroid Stimulating Hormone (TSH) (Sample Type: Serum)	: 1.62	μIU/ml	[0.35 - 5.10]

Normal Range TSH

0 - 3D	: 5.17 - 14.6	1M 1D - 12M	: 0.62 - 8.05
4D - 1M	: 0.43 - 16.1	1Y 1D - 6Y	: 0.54 - 4.53
ADULT	: 0.35 - 5.10	6Y 1D - 11Y	: 0.66 - 4.14

Primary Hypothyroidism is accompanied by depressed serum T3 & T4 levels and elevated serum TSH level. Slightly elevated T3 level may be found in pregnancy and oestrogen therapy while depressed level may be seen in severe illness, malnutrition, renal failure and during therapy with drugs like Propanolol and Propylthiouracil. Normal T4 level accompanied by high T3 level may be seen in patients with T3 thyrotoxicosis. Elevated TSH level always indicative of primary Hypothyroidism rarely they can result from TSH secreting pituitary tumors (Secondary Hyperthyroidism). No single test adequately reflects the endocrine status in all conditions (Ref : Jacques Wallach, MD). High T4 with normal TSH level may be seen in Pregnancy, No thyroidal illness, Acute and psychiatric illness, Abnormal binding (excess TBG, familial dysalbuminemic hyperthyroxinemia, transthyretin - associated hyperthyroxinemia, some monoclonal protein), Thyroid hormone resistance, Drug effects: Estrogen, Iodine (drugs, contrast media), Thyroxin (factitious).

** End of Report **

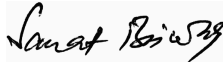
* PLEASE CORRELATE WITH CLINICAL CONDITION

* All reference ranges are age and sex matched. Reference limits mentioned herein are in accordance with the literature provided along with the kit, which may change with the change in chemistry, or the kit.



ADITI

DR RANADHIR SARKAR
MD (Biochemistry)
Consultant of Biochemistry
Regt.No.:50010


DR S.BISWAS
M.B.B.S., MD(PATH)
Consultant Pathologist
Regt.No.: 59304