

Name: **DEMO PATIENT**  
Age 28 Y Gender M  
Contact No: 7987704817

Collection Date : 22-06-2022 3:16PM  
Reporting Date: 22-06-2022 3:24PM  
Referred By: Self



Test Name	Specimen	Results	Units	Reference range
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### THYROID FUNCTION TEST, TOTAL

T3	Blood, Serum	0.90	ng/ml	0.87 - 1.78
T4	Blood, Serum	7.5	µg/dl	6.0 - 12.2
TSH	Blood, Serum	4.3	µIU/ml	0.4 - 5.0

**Method :** Automated Chemiluminescent based Assay.

**Interpretation :**

1. TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.
2. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy.
3. Unbound fraction ( Free,T4 /Free,T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration
4. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals

**Lab Incharge**

**Consultant Pathologist**

Note: Pathological Test have technical limitations. For any disparity repeated examination are required. No legal liability is accepted. Clinical correlation is also requested.