

Patient Name : Mrs.SAYLI CHOTHAVE  
 Patient Id : 7004  
 Age/DOB/Gender : 28Y/-/Female  
 Nationality : Indian  
 Customer Type : Customer Lab  
 Ref. Doctor Name :-

Registered On : 08-01-2022 19:54  
 Sample Collected On : 08-01-2022:20:04  
 Reported On : 08-01-2022 20:32  
 Sample UID No. : p002b033000123  
 Customer Name : SADGURU HOSPITAL (HIRAWADI ROAD)

### T3, T4, TSH (TFT)

| Investigation                                                                    | Result | Units  | Biological Reference Interval                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------|--------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>T3</b><br>Sample Type :Serum<br>Method : ECLIA                                | 1.01   | ng/mL  | 0.8-2.0                                                                                                                                                                                                                                                                                                                                                                        |
| <b>T4</b><br>Sample Type :Serum<br>Method : ECLIA                                | 8.12   | ug/dl  | 5.1-14.1                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Thyroid Stimulating Hormone (TSH)</b><br>Sample Type :Serum<br>Method : ECLIA | 3.06   | uIU/mL | Normal Ranges Age Wise<br>0 To 6 Days : 0.70 - 15.20<br>7 To 90 Days : 0.72 - 11.00<br>91 To 365 Days : 0.73 - 08.35<br>1 To 6 Years : 0.70 - 05.97<br>6 To 11 Years : 0.60 - 04.84<br>11 To 20 Years : 0.51 - 04.30<br>20 To 100 Years : 0.27 - 04.20<br><br>For Pregnant Woman<br>First Trimester : 0.3 - 4.5<br>Second Trimester : 0.5 - 4.6<br>Third Trimester : 0.8 - 5.2 |

#### Comments -

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. -Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active. - Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy. Clinical Use • Primary Hypothyroidism • Hyperthyroidism • Hypothalamic – Pituitary hypothyroidism • Inappropriate TSH secretion • Nonthyroidal illness • Autoimmune thyroid disease • Pregnancy associated thyroid disorders First Trimester : 0.3 - 4.5 Second Trimester : 0.5 - 4.6 Third Trimester : 0.8 - 5.2 References-Henry's Clinical Diagnosis and Management, 23rd edition Tietz Fundamentals of Clinical Chemistry and Molecular Diagnosis, 7th edition

--End Of Report--

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