



LOK SEWA HOSPITAL & MEDICAL RESEARCH CENTRE

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Pt Name : Uttam Singh Inda
Ref By. : Dr. N.P.Mathur
Serial No : 37987

Age : 54 Yrs.
Sex : Male
Date : 14/09/2024

THYROID Function Test

Methodology & Other Information

Method : Chemiluminescence
Type of Specimen : Serum

Investigation	Result	Biological Reference
T3	1.80 ng/ml	0.5-2.0 ng/ml
T4	6.81 ug/dl	4.4-11.5 ug/dl
TSH	4.25 uIU/ml	0.35 - 5.50 uIU/ml

Biological reference range:

Children:	Pregnancy
1-2 days 3.20-34.6 uIU/ml	1 st Trimester : 0.30 -- 4.50
3-4 days 0.70-15.4 uIU/ml	2 nd Trimester : 0.50 -- 4.60
15 days-5month 1.70-9.10 uIU/ml	3 rd Trimester : 0.80 -- 5.20
5 months-20 years 0.70-6.40 uIU/ml	

Clinical Information:

Primary malfunction of the thyroid gland may result in excessive(hyper)or low (hypo) release of T3 or T4 . In addition, as TSH directly affect thyroid function, malfunction of the pituitary or the hypothalamus influences the thyroid gland activity . Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the level of T3 or T4 in the blood, in Primary hypothyroidism , TSH levels are significantly elevated, while in secondary and tertiary Hypothyroidism , TSH levels may be low. In addition, In Euthyroid sick Syndrom, Multiple alterations in serum thyroid function test findings have been recognized.

THANKS FOR REFERRING CASE.

[TECHNICIAN]

DR. S. K. LODHA MD. [Patho.]
[PATHOLOGIST]