

Name : TESTNOW

Patient ID : SC23F000002

Gender : Male

Place : Bangalore

Age : 62

A/c Status :

Lab No. : SC1

Ref By : me

Date & Time : 10/07/2024 21:22:27



Test Category	Test Name	Results	Units	Blo. Ref. Interval
Hormonal Marker	Free T4	23*	ng/ dL	0.89 – 1.76

Test	Reference Group	Reference Range	
Free T4		(ng/dL)	(pmol/L)
	1 – 4 Days	2.20-5.30	
	4 – 15 Days	Not Established	
	2 Weeks – 20 Years	0.80-2.00	
	>20 Years	0.89 – 1.76	11.45 – 22.65

Pregnancy	Reference Range for Free T4 in ng/dL
1 <sup>st</sup> Trimester	0.70 – 2.00
2 <sup>nd</sup> Trimester	0.50 – 1.60
3 <sup>rd</sup> Trimester	0.50 – 1.60

In case the results are unexpected or alarming, the patient is advised to contact the lab immediately for possible remedial action.

" एक कदम स्वस्थ भारत की ओर "

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#### Interpretation:

1. Total T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy, Drugs (Androgens, Oestrogens, O C Pills, Phenytoin), Nephrosis etc. In such cases Free T4 give correct values.
2. Recommended test for T4 is unbound fraction or free levels as it is metabolically active.
3. Physiological rise in Total T4 levels is seen in pregnancy and in patients on steroid therapy.

#### Clinical Use:

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic – Pituitary hypothyroidism
- Inappropriate TSH secretion
- Non-thyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

#### Note:

Patients on Biotin supplement may have interference in some immunoassays. With individuals taking high dose Biotin (more than 5 mg per day) supplements, at least an 8-hour wait time before a blood draw is recommended.

#### IMPORTANT INSTRUCTIONS

- Test results pertain to specimen submitted
- All test results are dependent on the quality of sample received
- Investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the referring physician
- Report delivery may be delayed due to unforeseen conditions
- Certain tests may require further testing at additional costs for derivation of exact value
- Test results may show Inter/Intra laboratory variations
- The courts of Delhi shall have exclusive jurisdiction in all disputes/claims concerning test(s) and/or result of test(s)
- Test results are not valid for medico legal purposes.

Signature

-----End Of Test-----