



THAREJA NURSING HOME



DIGITAL X-RAY, OPG, COMPUTERISED ECG & EEG, DIAGNOSTIC
LABORATORY EQUIPED WITH COMPUTERISED AUTO ANALYZER & CBC

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Name : **MRS PRIYANKA MEENA** age **30** Sex : **FEMALE**

Ref. By : **DR M.N. THAREJA** Lab No. : **PKG100022** Date : **August 28, 2021**

HORMONES & MARKERS

Test	Value	Units	Biological Ref. Values
T3 (Total Triiodothyronine)	1.04	ng/dL	0.60-1.81 ng/dL Adults
T4 (Total Thyroxine)	7.25	µg/dL	3.2-12.60 µg/dL : Adults
TSH (Thyroid Stimulating Hormone)	0.46	µIU/mL	Adults : 0.35-5.50 µIU/mL

Interpretation of TSH :-

Children

0 Days : 1.0-39.0 uIU/mL

5 days : 1.7-9.1 uIU/mL

1 year : 0.4-8.6 uIU/mL

2 years : 0.4-7.6 uIU/mL

3 years : 0.3-6.7 uIU/mL

4-19 years : 0.4-6.2 uIU/mL

Adults

20-54 years : 0.35-5.50 uIU/mL

55-87 years : 0.5-8.9 uIU/mL

Pregnancy

1st Trimester : 0.30 - 4.50 µIU/mL

2nd Trimester : 0.50 - 4.60 µIU/mL

3rd Trimester : 0.80 - 5.20 µIU/mL

Interpretation of TSH :-

Children

3.20 - 34.6 µIU/mL 1- 2 Days

0.70 - 15.4 µIU/mL 3 - 4 Days

0.70 - 9.10 µIU/mL 15 Days - 5 Months

0.70 - 6.40 µIU/mL 5 Months - 20 Years

Pregnancy

0.30 - 4.50 µIU/mL 1st Trimester

0.50 - 4.60 µIU/mL 2nd Trimester

0.80 - 5.20 µIU/mL 3rd Trimester

Method : **Fluorescence Immunoassay Technology**

Sample Type : **Fresh Blood Serum**

Remarks :

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 and 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 syndrome, multiple alterations in serum thyroid function test findings have been recognized.

Vijay
Signature of Technician

M.N. Thareja
Signature of Doctor
MBBS

This Report is not Valid for Medical Legal Purpose

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Alwar-301001, (Raj.)