

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. CL61	Billing Date : 07/07/2023 12:19:29
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012676	Report Released on : 15/07/2023 09:53:19
Accession No : 10002304732	Barcode No. : 10002304732-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Thyroid Profile Free

FT3 (Free Triiodothyronine 3) <i>Sample: Serum</i> <i>Method: ECLIA</i>	3.20	2.70 - 4.30	pg/mL
FT4 (Free Thyroxine 4) <i>Sample: Serum</i> <i>Method: ECLIA</i>	0.89 L	1.00 - 1.70	ng/dL
TSH 3rd Generation <i>Sample: Serum</i> <i>Method: ECLIA</i>	5.200 H	0.270 - 4.200	µIU/mL

TSH 3rd Generation

Clinical Significance :

TSH levels are elevated in primary hypothyroidism and low in primary hyperthyroidism. Evaluation of TSH is useful in the differential diagnosis of primary from secondary and tertiary hypothyroidism. In primary hypothyroidism, TSH levels are elevated, while secondary and tertiary hypothyroidism, TSH levels are low or normal. High TSH level in the presence of normal FT4 is subclinical hypothyroidism and low TSH with normal FT4 is called subclinical hyperthyroidism. Sick, hospitalized patients may have falsely low or transiently elevated TSH. Significant diurnal variation is also seen in TSH levels.

Guidelines for TSH levels in pregnancy, as per American Thyroid Association, are as follows:

PREGNANCY TRIMESTER	BIOLOGICAL REFERENCE INTERVAL	UNIT
FIRST TRIMESTER	0.100 - 2.500	µIU/mL
SECOND TRIMESTER	0.200 - 3.000	µIU/mL
THIRD TRIMESTER	0.300 - 3.000	µIU/mL

** End of Report **



Dr. Aarti Khanna Nagpal

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Senior Consultant

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