




# Garg Pathology

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National Accreditation Board For Testing & Calibration Laboratories  
ISO 9001:2008  
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**DR. MONIKA GARG**  
M.D. (Path) Gold Medalist  
Former Pathologist :  
St. Stephan's Hospital, Delhi

<b>PUID</b> : 221008/602	<b>C. NO:</b> 602	<b>Collection Time</b> : 08-Oct-2022 8:40AM
<b>Patient Name</b> : Mr. KAPIL GUPTA 31Y / Male		<b>Receiving Time</b> : 08-Oct-2022 8:48AM
<b>Referred By</b> : Dr. BANK OF BARODA		<b>Reporting Time</b> : 08-Oct-2022 11:56AM
<b>Sample By</b> :		<b>Centre Name</b> : Garg Pathology Lab - TPA
<b>Organization</b> :		

Investigation	Results	Units	Biological Ref-Interval
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## BIOCHEMISTRY (SERUM)

### THYRIOD PROFILE\*

<b>Triiodothyronine (T3) *</b> (ECLIA)	1.471	ng/dl	0.79-1.58
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<b>Thyroxine (T4) *</b> (ECLIA)	8.965	ug/dl	4.9-11.0
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<b>THYROID STIMULATING HORMONE (T)</b> (ECLIA)	2.708	uIU/ml	0.38-5.30
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Normal Range:-

1 TO 4 DAYS	2.7-26.5
4 TO 30 DAYS	1.2-13.1

Hyperthyroid patient have suppressed TSH values, with the exception of those few individuals whos have hyperthyroidism caused by TSH producing pituitary tumor or other rare disordes such as pituitary resistance to thyroid hormones. Subclinical hyperthyroidism is defined as low TSH with levels of T4 and T3 within the reference interval. In most patients with hypothyroidism,serum TSH results are markedly elevated, but results are low in individuals with hypothyroidism caused by pituitary or hypothalamic disorders. An important cause of both increased and decreased TSH results is NTI. Patients with NTI tend to have low TSH results during their acute illness ,then TSH rises to within or above the reference range with resolution of the underlying illness,and finally returns to within the reference range. The situation is complicated because drugs,including glucagon and dopamine,suppress TSH . Sensitive TSH assays are helpful in evaluation of treatment with thyroid hormone both for replacement therapy and suppressive doses for malignant thyroid disease.

-----{END OF REPORT }-----



\*THIS TEST IS NOT UNDER NABL SCOPE

Checked By Technician:

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**Dr. Monika Garg**  
MBBS, MD(Path)  
(Consultant Pathologist)

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