



Labsmart Software

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<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 27 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1068



1068

Registered on : 12/11/2024 05:32 PM
Collected on : 12/11/2024
Received on : 12/11/2024
Reported on : 12/11/2024 05:32 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
CALCITONIN	11	pg/mL	< 18 pg/mL

Physiological Basis

Calcitonin is a 32-amino-acid polypeptide hormone secreted by the parafollicular C cells of the thyroid. It decreases osteoclastic bone resorption and lowers serum calcium levels.

Interpretation

Increased in: Medullary thyroid carcinoma, Zollinger-Ellison syndrome, pernicious anemia, pregnancy (at term), newborns, carcinoma (breast, lung, pancreas), leukemia, myeloproliferative disorders, chronic renal failure.

Comments

Test is useful to diagnose and monitor medullary thyroid carcinoma, although stimulation tests may be necessary (eg, pentagastrin test). Genetic testing (eg, RET mutation test) is now available for the diagnosis of multiple endocrine neoplasia type II.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.