

Patient Name	:		Bill Date	:	
DOB/Age/Gender	:		Sample Collected	:	
Patient ID / UHID	:		Sample Received	:	
Referred By	:		Report Date	:	
Sample Type	:		Report Status	:	
Barcode No	:				

Test Description	Value(s)	Unit(s)	Reference Range
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### BIOCHEMISTRY REPORT

#### Calcitonin

CALCITONIN, SERUM	<0.500	pg/mL	< 6.40
Method : CLIA			

#### Interpretation:

	Bio. Ref. Interval
Apparently healthy females	< 6.40
Apparently healthy males	< 9.52

#### Clinical Use

1. Diagnose and monitor patients with Medullary thyroid carcinoma (MTC) which occurs as a sporadic disease or as a part of the syndromes of MEN-2A, MEN -2B & Familial MTC. Calcitonin is primarily used for diagnosing sporadic MTC / Index case in Familial MTC / monitoring MTC
2. Routine screening of Nodular thyroid disease to detect unsuspected sporadic MTC
3. For provocative testing in MTC, Calcitonin stimulation test is recommended to increase sensitivity of detection
4. To monitor effectiveness of surgery by serial measurement of basal and stimulated calcitonin concentrations
5. The concentration of Calcitonin in a given specimen, determined with assays from different manufacturers, may not be comparable due to differences in assay methods, calibration, and reagent specificity.

#### Increased Levels

- Medullary carcinoma thyroid
- C-cell hyperplasia
- Non thyroidal cancers like Oat cell carcinoma / Small cell carcinoma, Intestinal / Bronchial / Gastric Carcinoids, Melanoma, Pheochromocytoma, Pancreatic carcinoma & Breast carcinoma
- Hypergastrinemia & other Gastrointestinal disorders
- Acute & Chronic Renal failure
- Hypercalcemia
- Pulmonary disease



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Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
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