

**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

<b>Name</b> : Mr. CL24	<b>Billing Date</b> : 07/07/2023 12:18:43
<b>Age</b> : 35 Yrs	<b>Sample Collected on</b> : 10/07/2023 10:01:31
<b>Sex</b> : Male	<b>Sample Received on</b> : 10/07/2023 11:02:13
<b>P. ID No.</b> : P1000100012640	<b>Report Released on</b> : 20/07/2023 17:50:38
<b>Accession No</b> : 10002304696	<b>Barcode No.</b> : 10002304696-01
<b>Referring Doctor</b> : Self	
<b>Referred By</b> :	<b>Ref no.</b> :

### Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
-----------	--------	--------------------------	------

### BIOCHEMISTRY

<b># Calcitonin</b> <i>Sample: Serum</i> <i>Method: CLIA</i>	8.4	<8.4	pg/mL
--	-----	------	-------

### Calcitonin

#### Clinical Use

- 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
- Routine screening of Nodular thyroid disease to detect unsuspected sporadic MTC
- For provocative testing in MTC, Calcitonin stimulation test is recommended to increase sensitivity of detection
- To monitor effectiveness of surgery by serial measurement of basal and stimulated calcitonin concentrations
- 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

\*\* End of Report\*\*



**Dr. Aarti Khanna Nagpal**

DNB (Pathology)  
Senior Consultant

10002304696 Mr. CL24

Page No: 1 of 1

