

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8052576/RCL7249156

Referred By : Dr. X

Sample Type : Serum

Sample Collected : Apr 26, 2024, 01:00 PM

Report Date : May 03, 2024, 04:29 PM

Barcode No : ZC615801

Report Status : Final Report

| Test Description | Value(s) | Unit(s) | Reference Range |
|------------------|----------|---------|-----------------|
|------------------|----------|---------|-----------------|

**Thyroglobulin**

|                                            |      |       |          |
|--------------------------------------------|------|-------|----------|
| THYROGLOBULIN (Tg), SERUM<br>(Serum, CLIA) | 23.0 | ng/mL | 1.6 - 60 |
|--------------------------------------------|------|-------|----------|

**Interpretation:****Clinical use:**

1. Primarily used as a tumor marker in patients with a diagnosis of Differentiated Thyroid carcinoma (DTC). Tg levels are elevated in both Thyroid, Papillary & Follicular carcinoma
2. Serial measurements of Tg are most useful in detecting recurrence of DTC following surgical resection or radioactive Iodine ablation
3. Aids in the management of infants with Congenital Hypothyroidism
4. Differential diagnosis of Hyperthyroidism. Tg is elevated in all patients with Hyperthyroidism except in cases of Thyrotoxicosis factitia

**Increased Levels**

- Thyroid Papillary & Follicular carcinoma
- Non neoplastic thyroid conditions like Thyroid adenoma, Subacute thyroiditis, Hashimoto 's thyroiditis & Graves' disease
- Regions of Endemic goitre
- Neonates
- Third trimester of pregnancy

**Comments :**

Presence of Thyroglobulin autoantibodies can interfere in the assay leading to an under estimation of Thyroglobulin levels. Therefore, the Thyroglobulin antibody status should be determined when measuring Tg. Minimum 6 weeks should elapse post thyroidectomy or thyroid gland ablation prior to testing. Thyroglobulin levels may remain elevated for several months following successful cancer therapy. In these cases, post treatment baseline values followed by serial determinations are recommended for monitoring. The concentration of Thyroglobulin in a given specimen, determined with assays from different manufacturers, may not be comparable due to differences in assay methods, calibration, and reagent specificity.

\*\*\* End Of Report \*\*\*

**Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.**

**Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.**

**Dr. Dummy**

Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI

Processing Lab :-

 928-909-0609 ccsupport@redcliffelabs.com www.redcliffelabs.com

All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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