

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8053369/RCL7248091

Referred By : Dr. Dr. X

Sample Type : Serum

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

Report Date : May 08, 2024, 12:25 PM

Barcode No : ZC664131

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Thyroid Screening Panel**Thyroid Profile Total**

Triiodothyronine (T3) CMIA	96.0	ng/dL	35 - 193
Total Thyroxine (T4) CMIA	8.5	µg/dL	4.87 - 11.72
Thyroid Stimulating Hormone (Ultrasensitive) CMIA	1.8	µIU/mL	0.35 - 4.94

Interpretation:

Pregnancy	Reference ranges TSH
1 st Trimester	0.1 - 2.5
2 ed Trimester	0.2 - 3.0
3 rd Trimester	0.3 - 3.0

Primary malfunction of the thyroid gland may result in excessive (hyper) or below normal (hypo) release of T3 or T4. In addition as TSH directly affects thyroid function, malfunction of the pituitary or the hypo - thalamus influences the thyroid gland activity. Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the levels of T3 and T4 in the blood. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels may be low. In addition, in the Euthyroid Sick Syndrome, multiple alterations in serum thyroid function test findings have been recognized in patients with a wide variety of non-thyroidal illnesses (NTI) without evidence of preexisting thyroid or hypothalamic-pituitary diseases. Thyroid Binding Globulin (TBG) concentrations remain relatively constant in healthy individuals. However, pregnancy, excess estrogen's, androgen's, antibiotic steroids and glucocorticoids are known to alter TBG levels and may cause false thyroid values for Total T3 and T4 tests.

TSH	T4	T3	INTERPRETATION
High	Normal	Normal	Mild (subclinical) hypothyroidism
High	Low	Low or normal	Hypothyroidism
Low	Normal	Normal	Mild (subclinical) hyperthyroidism
Low	High or normal	High or normal	Hyperthyroidism
Low	Low or normal	Low or normal	Nonthyroidal illness; pituitary (secondary) hypothyroidism
Normal	High	High	Thyroid hormone resistance syndrome (a mutation in the thyroid hormone receptor decreases thyroid hormone function)

**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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FT3 (Free Triiodothyronine 3)

T3, Free CMIA	2.5	pg/mL	1.58 - 3.91
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FT4 (Free Thyroxine 4)

T4, Free CMIA	1.1	ng/dL	0.7 - 1.48
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*** 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.

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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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