

**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

Name	: Mr. CL121	Billing Date	: 07/07/2023 12:17:58
Age	: 35 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Male	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100012604	Report Released on	: 14/07/2023 18:36:34
Accession No	: 10002304660	Barcode No.	: 10002304660-01
Referring Doctor	: Self		
Referred By	:	Ref no.	:

**Report Status - Final**

Test Name	Result	Biological Ref. Interval	Unit
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**BIOCHEMISTRY****Total T3 (Triiodothyronine)**

2.50 H

0.80 - 2.00

ng/mL

Sample: Serum

Method: ECLIA

**Total T3 (Triiodothyronine)**Clinical Significance :

Thyroid hormones, T3 and T4, which are secreted by the thyroid gland, regulate a number of developmental, metabolic, and neural activities throughout the body. The thyroid gland synthesizes 2 hormones - T3 and T4. T3 production in the thyroid gland constitutes approximately 20% of the total circulating T3, 80% being produced by peripheral conversion from T4. T3 is more potent biologically. Total T3 comprises of Free T3 and bound T3. Bound T3 remains bound to carrier proteins like thyroid-binding globulin, prealbumin, and albumin). Only the free forms are metabolically active. In hyperthyroidism, both T4 and T3 levels are usually elevated, but in some rare cases, only T3 elevation is also seen. In hypothyroidism T4 and T3 levels are both low. T3 levels are frequently low in sick or hospitalized euthyroid patients.

\*\* End of Report\*\*

**Dr. Aarti Khanna Nagpal**

DNB (Pathology)

Senior Consultant

