



itDose

Taking You Beyond The Limits

Visit ID : ITD809	Registration : 06/Dec/2022 05:08PM
UHID/MR No : AITD.0000000563	Collected : 06/Dec/2022 05:45PM
Patient Name : MR. MOHD ISRAIL	Received : 07/Dec/2022 01:13PM
Age/Gender : 25 Y 3 M 23 D /M	Reported : 28/Dec/2022 02:04PM
Ref Doctor : Dr.SELF	Status : Final Report
Client Name : STANDARD	Client Code : 78
Client Add : D 159, 1st Floor, Sector 7, No	Barcode No : 10059727

DEPARTMENT OF IMMUNOLOGY - SEROLOGY

Test Name	Result	Status	Unit	Bio. Ref. Range	Method
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ANTI TPO / MICROSOMAL ANTIBODY

Sample Type : Serum

ANTI THYROID PEROXIDASE	PALE YELLOW	L	IU/mL	< 5.61 IU/mL	CMIA
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INTERPRETATION:

Thyroid peroxidase (TPO) is a major thyroid autoantigen besides thyroglobulin (Tg) and the TSH-receptor. The presence of autoantibodies to TPO is an established tool for diagnosing chronic autoimmune thyroiditis as well as for the differential diagnosis of hypothyroidism including its subclinical or latent type. Autoantibodies to TPO is important for ruling out autoimmune thyroid disease, as over 98% of thyroiditis patients display autoantibodies to either one or both of these antigens. Anti-TPO antibodies are found in 71-97 % of patients with Grave's disease and 91-99 % of patients with Hashimoto's thyroiditis. Negative tests for anti-Tg & anti-TPO can exclude an autoimmune thyroiditis. These autoantibodies do also occur in patients with adenocarcinoma of the thyroid or hyperthyroidism and are found in healthy individuals at low levels.

LIMITATIONS:

- When making a diagnosis of thyroid disease, a combination of test methods should be used in conjunction with clinical symptoms.
- Heterophilic antibodies in human serum can react with reagent immunoglobulin interfering with in vitro immunoassays.
- Patient's routinely exposed to animal or to animal serum products can be prone to this interference and anomalous values may be observed.

*** End Of Report ***

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