

Tests you can trust

Pco g : XXXXXXXX

Fcv g : XXXXXXXXXX

VguV'C ungf : Jaanch Autoimmune Thyroid Screening Panel

Tgr qtv"Uvcwu : Complete Report



First National Diagnostic Chain
to have 100% of its Labs with
NABL Accreditation#



Accredited by



NABL From 2005#



ISO 9001: 2015 - From 2015



CAP From 2011

Your reports are digitally verifiable

Scan the QR code inside the report
to check authenticity of reported values

QR code will remain active for 30 days from report release date



98% Reports
released within
06 Hours
of sample reaching the lab*

9 out of 10 Doctors Trust
that Thyrocare
reports are
Accurate & Reliable*

1200+
Tests & Profiles



Temperature-
Controlled
Sample Logistics



Unique Barcode
Tracking



Fully Automated
Machines Inspected
Daily



Abnormal Values
Re-Checked Twice







Reports Verified By Expert
MD Pathologists Stationed
at Every Lab

Patient Name : XXXXXXXXXXXXX
 Referred By : XXXXXXXXXXXXX
 Sample Collected At : XXXXXXXXXXXXX

Tests Done : JAANCH AUTOIMMUNE THYROID
 SCREENING PANEL

Report Availability Summary

Note: Please refer to the table below for status of your tests.

 **4** Ready
  **0** Ready with Cancellation
  **0** Processing
  **0** Cancelled in Lab

TEST DETAILS

REPORT STATUS

TEST DETAILS	REPORT STATUS
JAANCH AUTOIMMUNE THYROID SCREENING PANEL	Ready 
TSH RECEPTOR ANTIBODIES	Ready 
T3-T4-USTSH	Ready 
Anti-TPO antibody (Anti-Thyroid Peroxidase)	Ready 
ANTI THYROGLOBULIN ANTIBODY (ATG)	Ready 

Dummy Report

Patient Name : XXXXXXXXXXXXX
 Referred By : XXXXXXXXXXXXX
 Sample Collected At : XXXXXXXXXXXXX

Tests Done : JAANCH AUTOIMMUNE THYROID
 SCREENING PANEL

Tests Outside Reference Range

Note: Please refer to the table below for tests outside reference range.

Test Name	Observed Value	Units	Bio. Ref. Interval.
AUTOIMMUNITY			
ANTI THYROGLOBULIN ANTIBODY (ATG)	< 57.5	IU/mL	< 4
THYROID			
Anti-TPO antibody (Anti-Thyroid Peroxidase)	< 17	IU/mL	<9

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 Patient Name : XXXXXXXXXXXXX
 Referred By : XXXXXXXXXXXXX
 Sample Collected At : XXXXXXXXXXXXX

 Sample Collected on (SCT) : XXXXXXXXXXXXX
 Sample Received on (SRT) : XXXXXXXXXXXXX
 Report Released on (RRT) : XXXXXXXXXXXXX
 Sample Type | Barcode : XXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
TSH RECEPTOR ANTIBODIES Bio. Ref. Interval. :-	C.M.I.A	< 1.29	IU/L
Normal : <= 2.58 IU/L			
Clinical Significance:			
Hyperthyroidism in Grave's Disease is due to presence of autoantibodies to TSH receptor and measurement of these autoantibodies can useful in disease diagnosis and management.			
Specifications:			
Intra Assay Precision: 7.1% (%CV), Inter Assay Precision: 12.9% (%CV), Sensitivity: 98%, Specificity: 99%			
Kit Validation References:			
Barbesino G, Tomer Y. Clinical utility of TSH receptor antibodies. J Clin Endocrinol Metab 2013;98(6):2247-2255.			

Please correlate with clinical conditions.
Method:- ONE-STEP IMMUNOENZYMATIC (SANDWICH) ASSAY.

Tests Done : JAANCH AUTOIMMUNE THYROID SCREENING PANEL

Report Remarks : Labcode:1303000334/IT001

Doctor 1 Sign

Doctor 2 Sign



Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703. 9870666333 wellness@thyrocare.com

First National Diagnostic Chain to have 100% of its Labs with NABL Accreditation[#]

Patient Name : XXXXXXXXXXXXX
 Referred By : XXXXXXXXXXXXX
 Sample Collected At : XXXXXXXXXXXXX

Sample Collected on (SCT) : XXXXXXXXXXXXX
 Sample Received on (SRT) : XXXXXXXXXXXXX
 Report Released on (RRT) : XXXXXXXXXXXXX
 Sample Type | Barcode : XXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI THYROGLOBULIN ANTIBODY (ATG) Bio. Ref. Interval. :-	C.L.I.A	< 57.5	IU/mL

NEGATIVE : < 4
 POSITIVE : > 4

Clinical Significance:

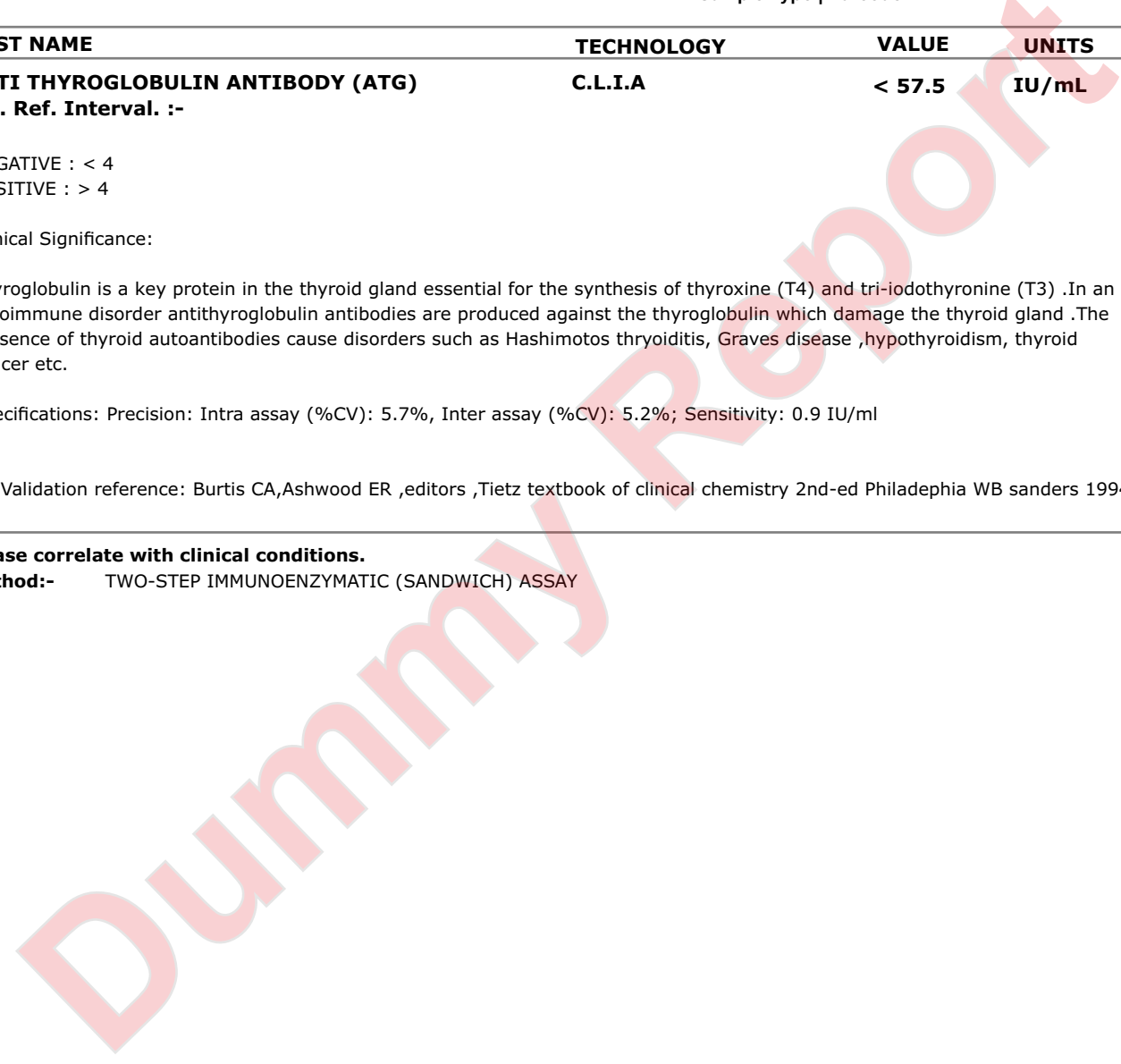
Thyroglobulin is a key protein in the thyroid gland essential for the synthesis of thyroxine (T4) and tri-iodothyronine (T3) .In an autoimmune disorder antithyroglobulin antibodies are produced against the thyroglobulin which damage the thyroid gland .The presence of thyroid autoantibodies cause disorders such as Hashimotos thryoiditis, Graves disease ,hypothyroidism, thyroid cancer etc.

Specifications: Precision: Intra assay (%CV): 5.7%, Inter assay (%CV): 5.2%; Sensitivity: 0.9 IU/ml

Kit Validation reference: Burtis CA,Ashwood ER ,editors ,Tietz textbook of clinical chemistry 2nd-ed Philadelphia WB sanders 1994.

Please correlate with clinical conditions.

Method:- TWO-STEP IMMUNOENZYMATIC (SANDWICH) ASSAY



Tests Done : JAANCH AUTOIMMUNE THYROID SCREENING PANEL

Report Remarks : Labcode:1303000334/IT001

Doctor 1 Sign

Doctor 2 Sign



Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703. 9870666333 wellness@thyrocare.com

First National Diagnostic Chain to have 100% of its Labs with NABL Accreditation[#]

Patient Name : XXXXXXXXXXXXX
 Referred By : XXXXXXXXXXXXX
 Sample Collected At : XXXXXXXXXXXXX

Sample Collected on (SCT) : XXXXXXXXXXXXX
 Sample Received on (SRT) : XXXXXXXXXXXXX
 Report Released on (RRT) : XXXXXXXXXXXXX
 Sample Type | Barcode : XXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
Anti-TPO antibody (Anti-Thyroid Peroxidase) Bio. Ref. Interval. :-	C.L.I.A	< 17	IU/mL

Negative : < 9
 Positive : >=9

(AMA are also called as Anti-TPO Antibodies).

Clinical Significance:

Micrsomes are found inside thyroid cells.The body produces antibodies against microsomes when there has been some damage caused to thyroid cells. Autoimmunity induces the immune system to produce antibodies against host tissue causing inflammation or impairing thyroid function .Presence of antimicrosomal antibody (AMA) is generally associated with autoimmune disorder.A positive test for AMA can indicate Hashimotos thyroiditis or granulomatous thyroiditis or Rheumatoid arthritis or Autoimmunehemolytic anaemia (rarely) etc.

Specifications: Precision: Intra assay (%CV): 7.1%, Inter assay (%CV): 4.40%; Sensitivity: 0.25IU/mL

Kit Validation reference:

Kimura S Kotani T Mc Bride OW Umeki K Hiral Nakayama T .Human thyroid peroxidase complete cDNA and protein sequence chromosome mapping and identification of two alternately spliced mRNAs.Proc Natl Acad Sci 1987.

Please correlate with clinical conditions.

Method:- TWO-STEP IMMUNOENZYMATIC (SANDWICH) ASSAY

Tests Done : JAANCH AUTOIMMUNE THYROID SCREENING PANEL

Report Remarks : Labcode:1303000334/IT001

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Patient Name : XXXXXXXXXXXXX
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 Sample Collected At : XXXXXXXXXXXXX

Sample Collected on (SCT) : XXXXXXXXXXXXX
 Sample Received on (SRT) : XXXXXXXXXXXXX
 Report Released on (RRT) : XXXXXXXXXXXXX
 Sample Type | Barcode : XXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	79	ng/dL	60-200
TOTAL THYROXINE (T4)	C.L.I.A	6.4	µg/dL	4.5-12
TSH - ULTRASENSITIVE	C.M.I.A	<2.92	µIU/mL	0.35-4.94

The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.

Method :

- T3 - Competitive Chemi Luminescent Immuno Assay
- T4 - Competitive Chemi Luminescent Immuno Assay
- USTSH - Fully Automated Chemi Luminescent Microparticle Immunoassay

Disclaimer : Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference. In reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports. To diagnose and monitor therapy doses, it is recommended to get tested every time at the same Laboratory.

~~ End of report ~~

Tests Done : JAANCH AUTOIMMUNE THYROID SCREENING PANEL

Report Remarks : Labcode:1303000334/IT001

Doctor 1 Sign

Doctor 2 Sign

CONDITIONS OF REPORTING

- v The reported results are for information and interpretation of the referring doctor only.
- v It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- v Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- v Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- v Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- v This report is not valid for medico-legal purpose.
- v Neither Thyrocare, nor its employees/representatives assume: (a) any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report, (b) any claims of any nature whatsoever arising from or relating to the performance of the requested tests as well as any claim for indirect, incidental or consequential damages. The total liability, in any case, of Thyrocare shall not exceed the total amount of invoice for the services provided and paid for.
- v Thyrocare Discovery video link :- <https://youtu.be/nbdYeRgYyQc>

EXPLANATIONS

- v Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- v **Name** - The name is as declared by the client and recored by the personnel who collected the specimen.
- v **Ref.Dr** - The name of the doctor who has recommended testing as declared by the client.
- v **Labcode** - This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- v **Barcode** - This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- v **SCP** - Specimen Collection Point - This is the location where the blood or specimen was collected as declared by the client.
- v **SCT** - Specimen Collection Time - The time when specimen was collected as declared by the client.
- v **SRT** - Specimen Receiving Time - This time when the specimen reached our laboratory.
- v **RRT** - Report Releasing Time - The time when our pathologist has released the values for Reporting.
- v **Reference Range** - Means the range of values in which 95% of the normal population would fall.

SUGGESTIONS

- v Values out of reference range requires reconfirmation before starting any medical treatment.
- v Retesting is needed if you suspect any quality shortcomings.
- v Testing or retesting should be done in accredited laboratories.
- v For suggestions, complaints, clinical support or feedback, write to us at customersupport@thyrocare.com or call us on **022-3090 0000**

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* T&C Apply, #As on 5th December 2024 (Applicable for all company owned labs except Bhagalpur & Vijayawada),

* As per survey on doctors' perception of laboratory diagnostics (IJARIIT, 2023), -Mumbai Reference Lab is CAP Accredited