PROCESSED AT :
Thyrocare

Thyrocare
Tests you can trust

Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 98706 66333 wellness@thyrocare.com

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

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : JAANCH THYROID PROFILE - ADVANCED

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
TSH RECEPTOR ANTIBODIES	C.M.I.A	1	IU/L

Bio. Ref. Interval. :-

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.

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : JAANCH THYROID PROFILE - ADVANCED

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI THYROGLOBULIN ANTIBODY (ATG)	**C.L.I.A**	**12**	**IU/mL**

Bio. Ref. Interval. :-

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 Philadephia WB sanders 1994.

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

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : JAANCH THYROID PROFILE - ADVANCED

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANTI MICROSOMAL ANTIBODY (AMA)	**C.L.I.A**	**12**	**IU/mL**

Bio. Ref. Interval. :-

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

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labode :
Barcode :

Doctor 1 Sign Doctor 2 Sign

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : JAANCH THYROID PROFILE - ADVANCED

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	80	ng/dL	60-200
TOTAL THYROXINE (T4)	C.L.I.A	8	µg/dL	4.5-12
TSH - ULTRASENSITIVE	C.M.I.A	2	µIU/mL	0.35-4.94
FREE TRIIODOTHYRONINE (FT3)	C.L.I.A	2	pg/mL	1.7-4.2
FREE THYROXINE (FT4)	C.L.I.A	1	ng/dL	0.7-1.8

Comments : ***

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

Method :

FT3,FT4,T4 - Competitive Chemi Luminescent Immuno Assay
T3 - Competitive Chemi Luminescent Immuno Assay
USTSH - Fully Automated Chemi Luminescent Microparticle Immunoassay

~~ End of report ~~

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign

Doctor 2 Sign

CONDITIONS OF REPORTING

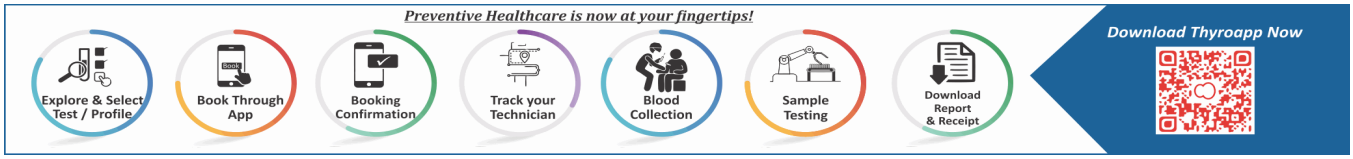
- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- This report is not valid for medico-legal purpose.
- Neither Thyrocare, nor its employees/representatives assume 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.
- Thyrocare Discovery video link :- https://youtu.be/nbdYeRgYyQc
- For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

EXPLANATIONS

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

SUGGESTIONS

- Values out of reference range requires reconfirmation before starting any medical treatment.
- Retesting is needed if you suspect any quality shortcomings.
- Testing or retesting should be done in accredited laboratories.
- For suggestions, complaints or feedback, write to us at **info@thyrocare.com** or call us on **022-3090 0000 / 61 30 00**
- SMS:<Labcode No.> to **9[illegible]666333**





*As per a survey on doctors' perception of laboratory diagnostics (IJARIIT,2023)