PROCESSED AT :
Thyrocare

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

MC-2407

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 : STEROID PROFILE

PATIENTID : XXXXXXXXXXXXXXXX

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
CORTISOL	LC-MS/MS	5.26	µg/dL

Bio. Ref. Interval. :
Adult
08.00 AM : 5 - 23 µg/dL
04.00 PM : 3 - 16 µg/dL
Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

ANDROSTENEDIONE	LC-MS/MS	58.63	ng/dL

Bio. Ref. Interval. :
Child, Prepubertal : < 5
Adults : 75 - 205
Postmenopausal : 82 - 275
Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

CORTICOSTERONE	LC-MS/MS	90.47	ng/dL

Bio. Ref. Interval. :
Age (Years)

<= 18 Years 18 - 1970 ng/dL
> 18 Years 53 - 1560 ng/dL
Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

Please correlate with clinical conditions.

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 : STEROID PROFILE

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ALDOSTERONE	C.L.I.A	8.55	ng/dL

Bio. Ref. Interval. :-

Upright : 2.21 - 35.3 ng/dL
Supine : 1.17 - 23.6 ng/dL

Clinical Significance:

Aldosterone, a steroid hormone of adrenal cortex, has recently attracted much interest not only due to its primary role to promote unidirectional salt reabsorption in variety of epithelial cells and also due to pathophysiological effects in the reno cardiovascular system causing endothelial dysfunction, inflammation and remodeling. The elevated aldosterone level increases reabsorption of sodium (salt) and loss of potassium by the kidneys, often resulting in an electrolyte imbalance thus leading to high blood pressure, headache and muscle weakness, especially if potassium levels are very low. The decrease causes dehydration, low blood pressure, a low blood sodium level and a high potassium level. It also has a small effect on the metabolism of fats, carbohydrates and proteins.

Specifications: Precision: Intra Assay (%CV): 4.2 %, Inter Assay (%CV): 10.5%; Sensitivity: 1.45 ng/dL

Kit Validation References: Cartledge S, Lawson N.; Aldosterone and renin measurements,.Ann Clin Biochem 37: 262-278 (2000

Please correlate with clinical conditions.
Method:- FULLY AUTOMATED CHEMI LUMINESCENT IMMUNO ASSAY

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TEST ASKED : STEROID PROFILE

SAMPLE COLLECTED AT :
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PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
17-HYDROXYPROGESTERONE	LC-MS/MS	25.2	ng/dL

Bio. Ref. Interval. :
MALES
PRE-PUBERTAL CHILD: 3 - 90
ADULT : 27 - 199

FEMALES
PRE-PUBERTAL CHILD : 3 - 90

ADULT
LUTEAL PHASE : 35 - 290
FOLLICULAR PHASE : 15 - 70
PREGNANCY : 200 - 1200
POSTMENOPAUSAL : < 70
POST ACTH : < 320

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

Please correlate with clinical conditions.

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PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
DHEA - SULPHATE (DHEAS)	LC-MS/MS	89.5	µg/dL

Bio. Ref. Interval. :

Age (Years)	Female	Male
6 - 9	2.50 - 140	2.50 - 145
10 - 11	15 - 260	15 - 115
12 - 17	20 - 535	20 - 555
18 - 30	45 - 380	125 - 619
31 - 50	12 - 379	5 - 532
51 - 60		20 - 413
61 - 83		10 - 285
Postmenopausal	30 - 260	

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

DEHYDROEPIANDROSTERONE	LC-MS/MS	280.51	µg/dL

Bio. Ref. Interval. :

Age (Years)	Males	Females
6 - 9	13-187	18-189
10 - 11	31-205	112-224
12 - 14	83-258	93-360
Adult	180-1250	130-980

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

Please correlate with clinical conditions.

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PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
PROGESTERONE	LC-MS/MS	0.04	ng/mL

Bio. Ref. Interval. :

Age (Years)	Males
5 - 9	<= 0.70
10 - 13	<= 1.20
14 - 17	<= 0.80
18 - 29	<= 0.30
> 30	<= 0.20

Females :

5 - 9 Years	<= 0.6
10 - 13 Years	<= 10.2
14 - 17 Years	<= 11.9
Follicular Phase	<= 2.7
Luteal Phase	<= 31.4
Postmenopausal	<= 0.2

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

DEOXYCORTISOL	LC-MS/MS	31.6	ng/dL

Bio. Ref. Interval. :
20 - 158

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

Please correlate with clinical conditions.

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SAMPLE COLLECTED AT :
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PATIENTID : XXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
TESTOSTERONE	LC-MS/MS	237.95	ng/dL

Bio. Ref. Interval. :

Age (Years)	Male	Female
1 - 5	2 - 25	2 - 10
6 - 9	3 - 30	2 - 20
Adult	260-1000	15 - 70

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

ESTRADIOL	LC-MS/MS	47	pg/mL

Bio. Ref. Interval. :
Males : 11 - 44 pg/mL

Normal Menstruating Females
Follicular Phase : 21 - 251 pg/mL
Mid-Cycle Phase : 38 - 649 pg/mL
Luteal Phase : 21 - 312 pg/mL

Postmenopausal
Females not on HRT: <10 - 28 pg/mL
Females on HRT : <10 - 144 pg/mL

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

Please correlate with clinical conditions.

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PATIENTID : XXXXXXXXXXXXXXXX

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
VITAMIN D2	LC-MS/MS	0.33	ng/mL
Method : Liquid Chromatography Tandem Mass Spectrometry			
VITAMIN D3	LC-MS/MS	16.52	ng/mL
Method : Liquid Chromatography Tandem Mass Spectrometry			
VITAMIN D TOTAL	**LC-MS/MS**	**16.85**	**ng/mL**

Bio. Ref. Interval. :
Deficiency : <20 ng/mL
Insufficiency : 20-30 ng/mL
Sufficiency : 30-100 ng/mL
Toxicity : >100 ng/mL

Method : LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

Please correlate with clinical conditions.

~~ End of report ~~

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CONDITIONS OF REPORTING

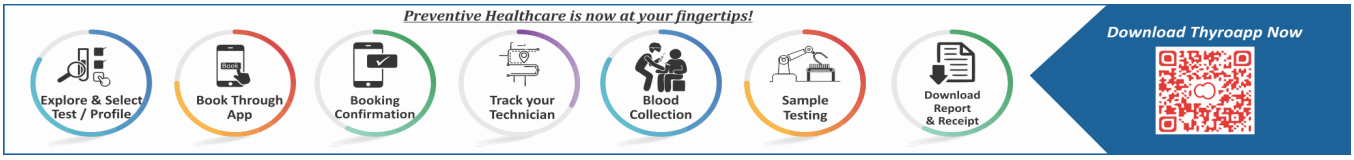
- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for 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

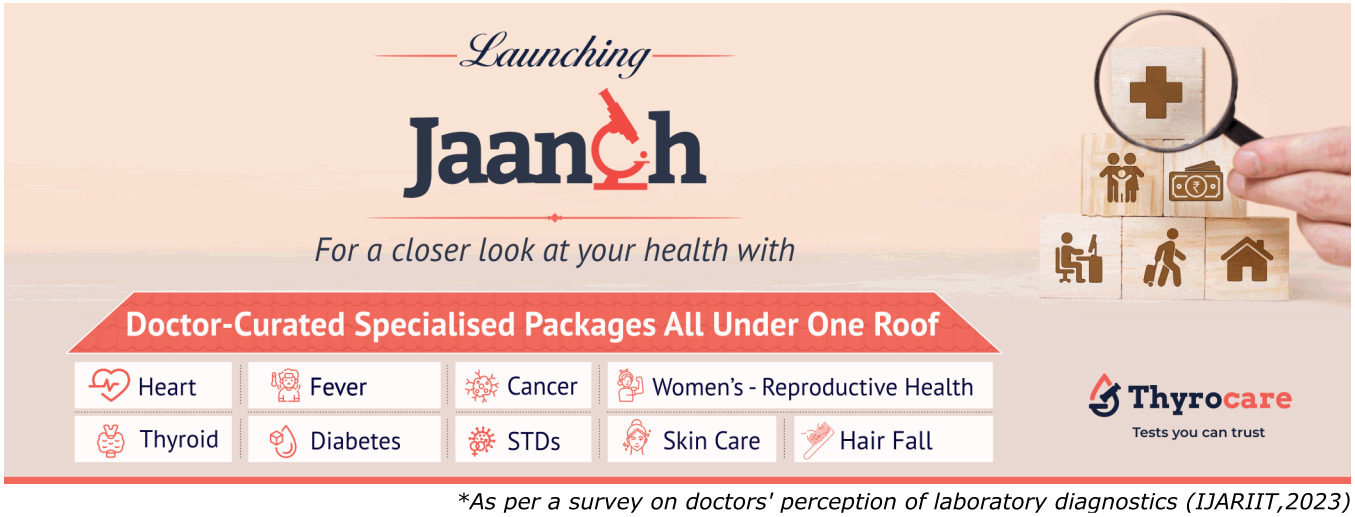
EXPLANATIONS

- 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 666333**





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