Thyrocare

Tests you can trust

Name : xxxxxxxxxxxxxxxx

Date : xxxxxxxxxxxxxxxx

Test Asked : Cortm

Report Status: Complete Report

Dummy Report



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

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

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

Accredited by

- NABL From 2005#
- ISO 9001: 2015 - From 2015
- CAP From 2007~

PROCESSED AT :

Thyrocare
Tests you can trust

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#

NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : CORTM

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Report Availability Summary

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

1 Ready | **0** Ready with Cancellation | **0** Processing | **0** Cancelled in Lab

TEST DETAILS	REPORT STATUS
CORTISOL SERUM (MORNING SAMPLE 6am -10am)	Ready

Dummy Report

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NAME : XXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXX
TEST ASKED : CORTM

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
CORTISOL SERUM (MORNING SAMPLE 6AM -10AM)	E.C.L.I.A	22	µg/dL

Bio. Ref. Interval. :-

6.00am to 10am: 6.02-18.4 µg/dL

Clinical Significance:

- Cortisol is the major glucocorticoid product of the adrenal cortex.
- Cortisol plays an important role in the regulation of many physiological processes like energy metabolism, maintaining electrolyte balance and blood pressure, immunomodulation and stress responses, cell proliferation as well as cognitive function.
- Elevated serum levels of cortisol can also be seen in stress responses, psychiatric diseases, obesity, diabetes, alcoholism, contraceptives, estrogen therapy and pregnancy which may cause diagnostic problems in patients with Cushings Syndrome.
- Cortisol secretion is controlled by Adrenocorticotropic hormone (ACTH) of pituitary gland
- Normally, the Cortisol secretion happens in the second half of the night with peak cortisol production occurring in early morning, cortisol levels then decline throughout the day with lowest levels during first half of the night.
- Therefore circadian variations of cortisol release and influence of stress should be considered while sampling for cortisol test
- Samples should not be taken from, patients receiving biotin therapy, until at least 8 hours following the last biotin administration
- In some cases, interference is seen due to presence of antibodies to analyte-specific antibodies, streptavidin or ruthenium (in case of ECLIA method) can occur and interference with heterophile and HAMA antibodies can occur (in case of CLIA method assay)
- Cortisol is best measured in the morning when evaluating for possible Adrenal Insufficiency and best measured in the afternoon or evening to differentiate normal and Cushings Syndrome subjects.
- Increased Cortisol levels seen in pathologies like : Cushings Syndrome, Ectopic ACTH syndrome, prednisolone therapy, Ectopic CRH syndrome, Adrenal adenoma / carcinoma, Adrenal micronodular dysplasia, Adrenal macronodular hyperplasia, Stress
- Decreased Cortisol Levels seen in pathologies like - Addisons disease, Pituitary dysfunction
- The results should be interpreted in conjunction with clinical history and other findings

References: Kit insert

Please correlate with clinical conditions.

Method:- FULLY AUTOMATED ELECTROCHEMILUMINESCENCE 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

Scan QR code to verify authenticity of reported results; active for 30 days from release time.

CUSTOMER DETAILS

As declared in our data base

Name: **Age:** **Sex:**

Barcodes/Sample_Type	:	xxxxxxxxxxxxxxxxx
Labcode	:	xxxxxxxxxxxxxxxxx
Ref By	:	xxxxxxxxxxxxxxxxx
Sample_Type/Tests	:	SERUM:CORTM
Sample Collected At	:	TEST ENTRY ADDRESS PLEASE IGNORE THIS
Sample Collected on (SCT)	:	xxxxxxxxxxxxxxxxx
Report Released on (RRT)	:	xxxxxxxxxxxxxxxxx
Amount Collected	:	xxxxxxxxxxxxxxxxx

Dummy Report

CONDITIONS OF REPORTING

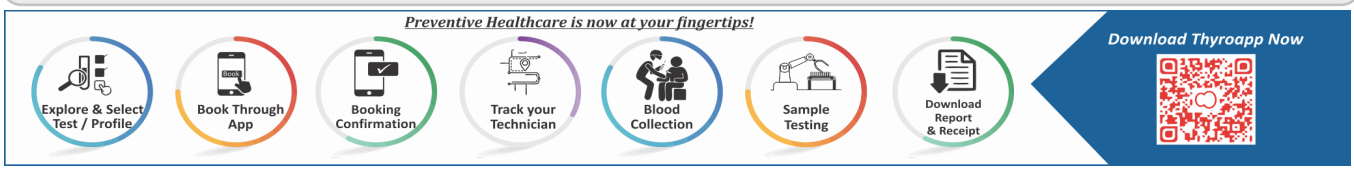
- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for 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: (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.
- Thyrocare Discovery video link :- https://youtu.be/nbdYeRgYyQc

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, clinical support or feedback, write to us at **customersupport@thyrocare.com** or call us on **022-3090 0000**





+ *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*