PROCESSED AT :
Thyrocare

Thyrocare
Tests you can trust

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REPORT

NAME : XXXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXXX
TEST ASKED : ESTRADIOL

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ESTRADIOL/OESTROGEN (E2)	C.M.I.A	32	pg/mL

Reference Range :-

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
Female on HRT : < 10 - 144 pg/mL

Clinical Significance: During the early follicular phase, The Estradiol level is relatively constant and low. By day seven, The dominant follicle is established and the Estradiol level rises significantly. The elevated Estradiol level suppresses the FSH level by negative feedback on the Hypothalamus and Pituitary gland and triggers a rapid rise of LH. Elevated Estradiol levels in females may also result from primary or secondary ovarian hyperfunction. Very high Estradiol levels are found during the induction of ovulation for assisted reproduction therapy or in pregnancy. Decreased Estradiol levels in females may result from either the lack of ovarian synthesis or a lesion in the Hypothalamus-Pituitary Axis.

Specification: Precision: Intra assay (%CV): 6.4, Inter assay (%CV):7.4,Sensitivity: <=10 pg/mL.

Kit Validation References: Muse K, Wilson EA. Monitoring ovulation induction: use of biochemical and biophysical parameters. Sem Reproduct Endocrinol 1986;4(3):301-9

Please correlate with clinical conditions.
Method:- FULLY AUTOMATED CHEMILUMINESCENT 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

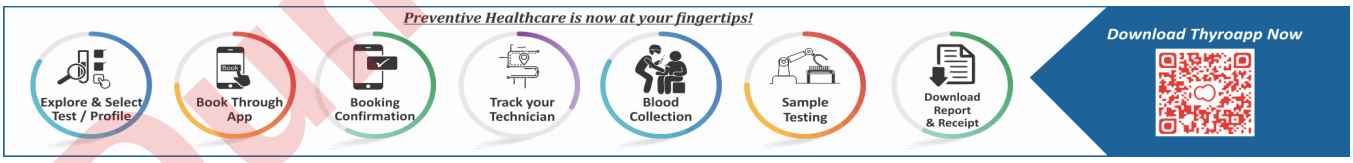
- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for 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 / 6712 3400**
- SMS:<Labcode No.> to **9870666333**





Dummy Report