

Patient Name :	Bill Date :
DOB/Age/Gender :	Sample Collected :
Patient ID / UHID :	Sample Received :
Referred By :	Report Date :
Sample Type : Serum	Barcode No :
Client : HOME COLLECTION - GURGAON - F1016	Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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## BIOCHEMISTRY REPORT

### Estradiol (E2)

ESTRADIOL( E2), SERUM  
Method : ECLIA

pg/mL

#### Interpretation:

Healthy men  
Postmenopause  
Healthy pregnant women  
1st trimester  
2nd trimester  
3rd trimester  
Healthy women Cycle Phase  
Follicular  
Ovulation  
Luteal  
Healthy women Cycle Sub-Phase  
Early follicular  
Intermediate follicular  
Late follicular  
Ovulation  
Early luteal  
Intermediate luteal  
Late luteal

#### Note

- All applications that require measurement of very low level of estradiol ( eg men, children, post menopausal women, hypogonadal women etc) recommended test is Estradiol, Ultrasensitive
- LC-MS/MS is the gold standard for steroid hormone assays due to increased sensitivity & specificity as compared to immunoassays

#### Clinical Use

- Determine estrogen status in women
- Monitor follicular development during induction of ovulation
- Assess estrogen production in males

#### Increased Levels

- Precocious puberty (female)
- Male gynecomastia
- Liver disease
- Ovarian tumors
- Adrenal feminizing tumors

#### Decreased Level



# CONDITIONS OF REPORTING

1. It is Presumed that specimen belongs to patient named or identified, such verification being carried out at the point of generation of said specimen

2. A test might not be performed due to following reason:

- Specimen Quantity not sufficient (Inadequate collection/spillage during transit)
- Specimen Quality not acceptable (Hemolysis/clotted/lipemic.)
- Incorrect sample type
- Test cancelled either on request of patient or doctor

In any of the above case a fresh specimen will be required for testing and reporting

3. The results of the tests may vary from lab to lab ; time to time for the same patient

4. The reported results are dependent on individual assay methods, equipment, method sensitivity, specificity and quality of the specimen received

5. Partial representation of report is not allowed

6. The reported tests are for the notification of the referring doctor, only to assist him/her in the diagnosis and management of the patient

7. If Sample collection date is not stated on test requisition form, the current date will be printed by default as the date of collection.

8. Report with status "Preliminary" means one or more test are yet to be reported

9. This report is not valid for Medico Legal Purpose

10. Applicable Jurisdiction will be of "Delhi" for any dispute/claim concerning the test(s) & results of the test (s)

# Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.
2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.
4. This report shall not be deemed valid or admissible for any medico-legal purposes.
5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.

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## DISCLAIMER

This is a sample report provided for demonstration purposes only and does not represent an actual patient report. Test results, reference ranges, methodologies, instrumentation, and report formats may vary depending on the laboratory performing the test. The format and representation shown are indicative of reports generated by the National Reference Laboratory of Redcliffe Labs, Noida. This sample report should not be used for medical interpretation, diagnosis, or treatment decisions.