

Patient Name : Demo Patient Name
Age / Sex : 38 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 17:36
Patient ID : UHID.DEMO.001

Estradiol				Serum Sample
Accession No: DEMO_BARCODE		Collected On: 21-Jan-25 17:36	Received On: 22-Jan-25 11:43	Approved On: 22-Jan-25 14:04
Observation	Result	Unit	Biological Ref. Interval	Method
Estradiol [E2]	35.822	pg/mL		CLIA

Biological Reference Range for Estradiol(E2):

Males : 11.6 - 41.2

Menstruating Females : (By day in cycle relative to LH peak)

- Follicular Phase (-12 to -4 days) : 18.9 - 246.7

- Midcycle (-3 to +2 days) : 35.5 - 570.8

- Luteal Phase (+4 to +12 days) : 22.4 - 256.0

Postmenopausal Females (Untreated) : ND* - 44.5

* ND = Not Detectable

Clinical Significance of Estradiol (E2):

The measurement of Estradiol is important for the evaluation of normal sexual development (menarche), causes of infertility (anovulation, amenorrhoea, dysmenorrhoea). Normal estradiol levels are lowest during menstrual cycle.

Sample Type: Serum

Technology: VITROS MicroWell, MicroSensor and Intellicheck Technology

Analyzer: Fully Automated Integrated Biochemistry and Immunology Analyzer: VITROS 5600

Remarks: Please correlate results with clinical conditions.

Drugs of estradiol derivatives can interfere with estradiol measurement immunoassay, resulting in falsely estradiol results.

Certain drugs and clinical conditions are known to alter estradiol concentrations in vivo.

Biotin levels in serum remain elevated for up to 24 hours after oral or intravenous biotin administration.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

