

Patient Name : Demo Patient Name
Age / Sex : 33 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 12:31
Patient ID : UHID.DEMO.001

LH FSH Prolactin

Accession No: DEMO_BARCODE **Collected On:** 21-Jan-25 12:31 **Received On:** 21-Jan-25 18:24 **Approved On:** 21-Jan-25 20:24

Observation	Result	Unit	Biological Ref. Interval	Method
Luteinizing hormone (LH)	5.99	mIU/mL	Follicular Phase: 1.9-12.5 Luteal Phase: 0.5-16.9 Midcycle Peak: 8.7-76.3 Pregnant: 0.1-1.5 Post Menopausal: 15.9-54.0	CLIA
FSH	3.86	mIU/mL	Follicular Phase:1.98-11.6 MidCycle Peak: 5.14-23.4 Luteal Phase: 1.38-9.58 Post-Menopausal:21.5-131	CLIA
Prolactin	16.6	ng/mL	2.8-29.2	CLIA
LH-FSH Ratio	1.55	Ratio		Calculated
FSH-LH Ratio	0.64	Ratio		Calculated

Biological Reference Range for LH:

Follicular phase : 1.9 - 12.5
Luteal phase : 0.5 - 16.9
Post menopausal : 15.9 - 54.0
Male (20 -70 years) : 1.5 - 9.3
Male (>70years) : 3.1 - 34.6
Midcycle peak : 8.7 - 76.3
Pregnant : 0.1 - 1.5
Children : 0.1 - 6.0

Biological Reference Range for FSH:

Normal Female Follicular Phase : 1.98 - 11.6 mIU/mL
Normal Female mid-cycle Phase : 5.14 - 23.4 mIU/mL
Normal Female Luteal Phase: 1.38-9.58 mIU/mL
Post Menopausal Female : 21.5-131 mIU/mL
Normal Male : 1.55 - 9.74 mIU/mL

Clinical Significance of Prolactin:

Consistently elevated serum prolactin levels greater than 30 ng/mL in the absence of pregnancy and postpartum lactation are indicative of hyperprolactinemia, which is the most common hypothalamic-pituitary dysfunction encountered in clinical endocrinology. Hyperprolactinemia often results in galactorrhea, amenorrhea, and infertility in females, and in impotence and hypogonadism in males. Renal failure, hypothyroidism, and prolactin-secreting pituitary adenomas are also common causes of abnormally elevated prolactin levels.

Remarks: Please correlate results clinically.



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.

