

Patient Name : Mr. DEEPIKA SHARMA
Age/Gender : 43 Y/M
Lab No : 10144340
Referred By : Dr. RDSO LUCKNOW
Refer Lab/Hosp : RDSO LUCKNOW
Doctor Advice : FSH, LH

Visit No : CHA250047045
Registration ON : 17/Mar/2025 12:37PM
Sample Collected ON : 17/Mar/2025 12:51PM
Sample Received ON : 17/Mar/2025 01:02PM
Report Generated ON : 17/Mar/2025 02:36PM



Test Name	Result	Unit	Bio. Ref. Range	Method
LH				
LUTEINIZING HORMONE	9.60	mIU/ml	20-70 years: 1.5-9.3 -> 70 years: 3.1-34.6 ~Children:< 0.1-6.0	

FOLLICLE STIMULATING HORMONE FSH

FOLLICLE STIMULATING HORMONE **14.80** mIU/ml 1.50 - 12.400 CLIA
FSH serum

INTERPRETATION:

Normally Menstruating Females	Biological Reference Range
Follicular	2.5-10.2
Mid - Cycle	3.4-33.4
Luteal	1.5-9.1
Post-menopausal Females	23-116.3
Male	1.4-18.1 (13-70 years)

-Circulating levels of follicle stimulating hormone vary throughout the menstrual cycle in response to estradiol and progesterone. A small but significant increase in FSH accompanies the mid-cycle LH surge, while FSH declines in the luteal phase in response to estradiol and progesterone production by the developing corpus luteum.

-At menopause FSH and LH increase sufficiently in response to diminished feedback inhibition of gonadotropin release.

-In males, FSH, LH and testosterone regulate spermatogenesis by sertoli cells in seminiferous tubules of the testis. FSH may also be elevated in Klinefelter's syndrome or as a consequence of sertoli cell failure.

-In females, situations in which FSH is elevated and gonadal steroids are depressed include - menopause, premature ovarian failure and oophorectomy, in polycystic ovarian syndrome the LH/FSH ratio may be increased. Abnormal FSH concentrations may indicate dysfunction of the hypothalamic-pituitary axis. In sexually mature adults, FSH deficiency together with low concentrations of LH and sex steroids may indicate panhypopituitarism.

LIMITATIONS:

-Specimens from patients who have received preparations of mouse monoclonal antibodies for diagnosis or therapy may show either false positive or depressed values.

*** End Of Report ***



[Checked By]

MC-2491

Print.Date/Time: 17-03-2025 15:17:12

*Patient Identity Has Not Been Verified. Not For Medicolegal



Sharma

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