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Sample Collected At : C000000808-QUALITY CHECK

Bhopal
Madhya Pradesh, INDIA

Name	: DUMMY	Age/Gender	: 25 Years/MALE
Reg No	: 0001EA021819	Barcode No	: E1100001150
Sample Coll Dt	: 31-01-2026 10:09 AM	Reg Date	: 31-01-2026 02:05 PM
Sample Rcv Dt	: 31-01-2026 02:05 PM	Reported Date	: 31-01-2026 02:46 PM
Report Status	: Final	Referred By	: SELF

Tests	Results	Biological Ref Range	Units	Method
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IMMUNOLOGY

LUTEINIZING HORMONE SERUM

LUTEINIZING HORMONE	3.6	1.5 - 9.3	miU/mL
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Specimen:
SERUM

Luteinizing Hormone (LH) stimulates ovulation in females and production of testosterone in males.

Use:

Determination is useful in the diagnosis of gonadal, pituitary and hypothalamic disorders, for the prediction of ovulation and in the evaluation of infertility.

Increased in:

Females: Elevated concentrations of LH can indicate primary amenorrhea, Menopause, premature ovarian failure, polycystic ovarian syndrome, hypergonadotropic hypogonadism or ovulation.

Males: Elevated concentrations of LH can result from primary testicular failure, seminiferous tubule dysgenesis (Klinefelter's syndrome), Sertoli cell failure, anorchia, or hypergonadotropic hypogonadism.

Decreased in:

Hypogonadism, Gonadotropin deficiency and pituitary LH deficiency.

Limitation:

Secretion of LH is episodic, circadian and cyclic in nature

****End Of Report****

This report is not subject to use for any medico-legal purposes

Dr. Nitesh Rawat
MD (Pathology)
Consultant Pathologist