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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
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