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Sample Collected At : C000000808-QUALITY CHECK

Bhopal  
Madhya Pradesh, INDIA

Name	: DUMMY	Age/Gender	: 25 Years/MALE
Reg No	: 0001EA021820	Barcode No	: E1100001151
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

##### FOLLICLE STIMULATING HORMONE SERUM

FSH	5.3	1.4 - 18.1	mIU/mL
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Specimen:  
SERUM

FSH promotes follicular development in the ovary and gametogenesis in the testis. FSH in mature females acts to stimulate development of the ovarian follicles. Circulating FSH levels vary throughout the menstrual cycle in response to estradiol and progesterone. A small, but significant increase in circulating FSH accompanies the mid-cycle LH surge. Circulating levels of FSH decline in the luteal phase in response to estradiol and progesterone production by the developing corpus luteum.

#### Use:

Differential Diagnosis of gonadal disorders  
Diagnosis and management of infertility.

#### Increased In:

Primary hypogonadism (anorchia, testicular failure, menopause), Gonadotropin secreting pituitary tumours, Precocious puberty (secondary to a CNS lesion or idiopathic), Complete testicular feminization syndrome, Luteal phase of menstrual cycle.

#### Decreased in:

Secondary Hypogonadism, Pituitary LH or FSH deficiency, Gonadotropin deficiency

#### Limitation:

Secretion of FSH is episodic, circadian and cyclic in nature. Clinical evaluations may require determinations in pooled multiple serial specimens.

**\*\* End Of Report \*\***

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

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