

Name : TESTNOW

Patient ID : SC23F000002

Gender : Male



Place : Bangalore

Age : 62

A/c Status :

Lab No. : SC1

Ref By : me

Date & Time : 10/07/2024 21:13:29

Test Category	Test Name	Results	Units	Blo. Ref. Interval
Hormonal Marker	LH	34*	IU/mL	1.50 – 9.30

### Summary

LH is produced by the pituitary gland in the brain. LH is known for its role in the process of ovulation and plays an inevitable role in pregnancy. In males, LH also triggers the production of sex hormones.

### Males

Sr No	Reference Range	Reference Range in mIU/ mL	Clinical Use	Increased Levels	Decreased Levels
1	Tanner Stage 1 (<9.8 Years)	0.02 – 0.30	Diagnosis of Gonadal function disorders	Primary hypogonadism	Hypothalamic GnRH deficiency
2	Tanner Stage 2 (9.8–14.5 Years)	0.20 – 4.90	Diagnosis of Pituitary disorders	Gonadotropin secreting pituitary tumours	Pituitary LH deficiency
3	Tanner Stage 3 (10.7–15.4 Years)	0.20 – 5.00			Ectopic steroid hormone production
4	Tanner Stage 4 (11.8–16.2 Years)	0.40 – 7.00			GnRH analog treatment
5	Tanner Stage 5 (12.8–17.3 Years)	0.40 – 7.00			
6	19 – 70 Years	1.50 – 9.30			
7	>70 Years	3.10 – 34.60			

In case the results are unexpected or alarming, the patient is advised to contact the lab immediately for possible remedial action.

" एक कदम स्वस्थ भारत की ओर "

Name : TESTNOW

Patient ID : SC23F000002

Gender : Male

Place : Bangalore

Age : 62

A/c Status :

Lab No. : SC1

Ref By : me

Date & Time : 10/07/2024 21:13:29



#### Females

Sr No	Reference Range	Reference Range in mIU/ mL	Clinical Use	Increased Levels	Decreased Levels
1	Tanner Stage 1 ( $<9.2$ Years)	0.02 – 0.18	Diagnosis of Gonadal function disorders	Primary hypogonadism	Hypothalamic GnRH deficiency
2	Tanner Stage 2 (9.2–13.7 Years)	0.02 – 4.70	Diagnosis of Pituitary disorders	Gonadotropin secreting pituitary tumours	Pituitary LH deficiency
3	Tanner Stage 3 (10.0–14.4 Years)	0.10 – 12.00		Menopause	Ectopic steroid hormone production
4	Tanner Stage 4 (10.7–15.6 Years)	0.40 – 11.70		Luteal Phase of Menstrual Cycle	GnRH analog treatment
5	Tanner Stage 5 (11.8–18.6 Years)	0.40 – 11.70		Polycystic Ovarian Disease	
Adult Females					
6	Follicular	1.90 – 12.50			
7	Mid Cycle Peak	8.70 – 76.30			
8	Luteal Phase	0.50 – 16.90			
9	Post-Menopausal	15.90 – 54.00			
10	Pregnant	0.10 – 1.50			
11	Oral Contraceptives	0.70 – 5.60			

#### Interpretations

Increased levels of FSH and LH are indicative of ovarian failure, and more than normal LH is secreted by the body in its attempt to stimulate release of an ovary or egg, which doesn't happen when ovarian release is normal. With the same principle, high LH in men indicates testicular failure.

Name : TESTNOW

Patient ID : SC23F000002

Gender : Male



Place : Bangalore

Age : 62

A/c Status :

Lab No. : SC1

Ref By : me

Date & Time : 10/07/2024 21:13:29

#### IMPORTANT INSTRUCTIONS

- Test results pertain to specimen submitted
- All test results are dependent on the quality of sample received
- Investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the referring physician
- Report delivery may be delayed due to unforeseen conditions
- Certain tests may require further testing at additional costs for derivation of exact value
- Test results may show inter/intra laboratory variations
- The courts of Delhi shall have exclusive jurisdiction in all disputes/claims concerning test(s) and/or result of test(s)
- Test results are not valid for medico legal purposes.

Signature

-----End Of Test-----

**SUPERCEUTICALS**  
ENGINEERING HEALTHCARE