

Name : TESTNOW Patient ID : SC23F000002 Gender : Male

Place : Bangalore Age : 62 A/c Status :

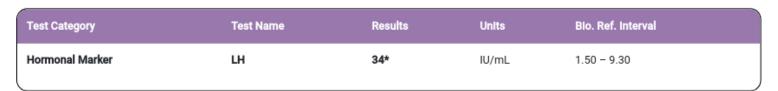
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Summary

Lab No. : SC1

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	"	Clinical Use	Increased Levels	Decreased Levels
		mIU/ mL			
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	0.20 - 4.90		Gonadotropin secreting	
	(9.8–14.5 Years)		Diagnosis of Pituitary disorders	pituitary tumours	Pituitary LH deficiency
3	Tanner Stage 3	0.20 - 5.00			Catania ataraid barmana
L	(10.7–15.4 Years)	R I N	G F	EAL	Ectopic steroid hormone production
4	Tanner Stage 4	0.40 - 7.00			
	(11.8–16.2 Years)				GnRH analog treatment
5	Tanner Stage 5	0.40 - 7.00			
	(12.8–17.3 Years)				
6	19 – 70 Years	1.50 - 9.30			
7	>70 Years	3.10 – 34.60			



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Females

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Sr No	Reference Range	Reference Range in	Clinical Use	Increased Levels	Decreased Levels				
		mIU/ mL							
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	Gonadotropin secreting pituitary tumours	Pituitary LH deficiency				
3	Tanner Stage 3 (10.0–14.4 Years)	0.10 – 12.00	Pituitary disorders	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 Femal					71			
7	Follicular Mid Cycle Peak	1.90 – 12.50 8.70 – 76.30	I N G	Н	ALT	Н	С	A F	RE
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.

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IMPORTANT INSTRUCTIONS

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Lab No.: SC1

- · 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