

LABORATORY TEST REPORT

Name	: Mrs. SIRISHA		
Sample ID	: A1309569		
Age/Gender	: 27 Years/Female	Reg. No	: 0312501280026
Referred by	: Dr. Nivedita Ashrit MD (Obs/Gyn)	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 28-Jan-2025 12:40 PM
Primary Sample	: Whole Blood	Received On	: 28-Jan-2025 03:53 PM
Sample Tested In	: Serum	Reported On	: 28-Jan-2025 04:45 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
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LH (Leutinizing Hormone) 1.99 mIU/mL Refer Table
 (Method: CLIA)

Interpretation:

Age	Reference Range: Male (mIU/mL)	Reference Range: Female(mIU/mL)
Pre Puberty Child		
2-11 Months	0.02-8.0	0.02-8.0
1-10 Years	0.04-3.6	0.03-3.9
Puberty Tanner Stage		
1	0.04-3.6	0.03-3.0
2	0.26-4.8	0.10-4.1
3	0.56-6.3	0.20-9.1
4-5	0.56-7.8	0.50-15.0
Adult	20-70 years:1.5-9.3 > 70 years:3.1-34.6	
Follicular Phase	----	1.9-12.5
Midcycle Peak	----	8.7-76.3
Luteal Phase	----	0.5-16.9
Postmenopausal	----	15.9-54.0
Pregnant	----	< 0.1-1.5
Contraceptives	----	0.7-5.6

Increased Values Of LH Seen In:

- Menopause, ovarian dysgenesis. (Turner syndrome), Testicular dysgenesis (Klinefelter syndrome).
- Precocious puberty

Decreased Values Of LH Seen In:

- Pituitary failure. Both LH/ FSH are low.
- hypothalamic failure will also lead to low LH and FSH level.



Dr. Vaishnavi
DR. VAISHNAVI
 MD BIOCHEMISTRY

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CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
FSH (Follicle Stimulating Hormone) <small>(Method: CLIA)</small>	7.71	mIU/mL	Refer Table

Interpretation:

Age	Reference Range: Male (mIU/mL)	Reference Range: Female(mIU/mL)
Pre Puberty Child		
2-11 Months	0.19-11.3	0.10-11.3
1-10 Years	0.3-4.6	0.68-6.7
Puberty Tanner Stage		
1-2	0.30-4.6	0.68-6.7
3-4	1.24-15.4	1.0-7.4
5	1.53-6.8	1.0-9.2
Adult	1.42-18.4	
Follicular Phase	----	2.5-10.2
Midcycle Peak	----	3.4-33.4
Luteal Phase	----	1.5-9.1
Postmenopausal	----	23.0-116.3
Pregnant	----	< 0.3

The follicle stimulating hormone (FSH) blood test measures the level of FSH in blood. FSH is a hormone released by the pituitary gland, located on the underside of the brain.

Low FSH levels in women may be present due to:

- Being very underweight or having had recent rapid weight loss
- Not producing eggs (not ovulating)
- Parts of the brain (the pituitary gland or hypothalamus) not producing normal amounts of some or all of its hormones
- Pregnancy

High FSH levels in men may mean the testicles are not functioning correctly due to:

- Advancing age (male menopause)
- Damage to testicles caused by alcohol abuse, chemotherapy, or radiation
- Certain tumors in the pituitary gland

*** End Of Report ***



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