

Name	: Dr. PUJA PRIYA SAXENA	Age	: 32 Years
Lab No.	: 183958629	Gender	: Female
Ref By	: DR DEEPA SAXENA	Reported	: 24/9/2024 2:07:25PM
Collected	: 23/9/2024 11:00:00AM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal PathLabs Ltd.
Collected at	: SHAHJAHANPUR-CC		: 139. KA. NEXT TO HERO MOTO CORP
	Kachcha Katra More, Kotwali Road,		SHOWROOM. TOWN HALL ROAD,
	SHAHJAHANPUR, UP 242001 Conta9794547906		Shahjahanpur, 242001,UTP, IND
			Shahjahanpur242001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
INFERTILITY COMPREHENSIVE PANEL FEMALES, SERUM (CLIA)			
Prolactin	17.61	ng/mL	2.80 - 29.20

Note: 1. TSH levels are subject to circadian variation, reaching peak levels between 2- 4.a.m. and at a minimum between 6-10 pm. The variation is of the order of 50%. hence time of the day has influence on the measured serum TSH concentrations.

2. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals.

Interpretation

REFERENCE GROUP	REFERENCE RANGE FOR FSH IN mIU/mL	REFERENCE RANGE FOR LH IN mIU/mL	REFERENCE RANGE FOR E2 IN pg/mL
Adult Females			
Follicular	2.50 - 10.20	1.90 - 12.50	19.5-144.2
Mid	3.40 - 33.40	8.70 - 76.30	63.9-356.7
CyclePeak			
Luteal Phase	1.50 - 9.10	0.50 - 16.90	55.8-214.2

AMH LEVEL IN ng/mL	Remarks
<0.50	Predictive of poor response
0.50 - <1.0	Suggestive of limited ovarian reserve
1.00 - 3.50	Predictive of optimal response
>3.50	Predictive of Ovarian hyperstimulation syndrome/PCOS

Comments

Infertility in females can be associated with amenorrhea / oligomenorrhea or with apparently normal menstruation. The latter can occur due to luteal phase deficiency which may involve abnormal follicular development, ovulation or luteal function. A variety of clinical causes identified include use of certain medications, systemic disease states and endocrine abnormalities like hyperprolactinemia, thyroid dysfunction. A couple is considered infertile if they fail to conceive after six months of unprotected intercourse.


HORMONE LEVELS	REMARKS
Low or normal FSH & LH	Hypothalamic pituitary



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			Shahjahanpur242001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
with normal Testosterone	disease		
High FSH & LH	Primary ovarian failure		
High Testosterone	PCOS or Ovarian tumor		



Dr. Pradeep Singh Shekhawat
MBBS MD, PATHOLOGY
Chief of Laboratory
Dr Lal PathLabs Ltd



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Age : 32 Years
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Processed at : Dr. Lal Path labs Ltd
Maccnair Road ,Bareilly-243005

Test Report

Test Name	Results	Units	Bio. Ref. Interval
INFERTILITY COMPREHENSIVE PANEL FEMALES, SERUM (CLIA)			
FSH	5.70	mIU/mL	
LH	2.93	mIU/mL	
Estradiol	64.67	pg/mL	
TSH, Ultrasensitive	2.498	μIU/mL	0.550 - 4.780

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Mid			
CyclePeak	1.50 - 9.10	0.50 - 16.90	55.8-214.2
Luteal Phase			

AMH LEVEL IN ng/mL	Remarks
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Comments

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HORMONE LEVELS	REMARKS
Low or normal FSH & LH with normal Testosterone	Hypothalamic pituitary disease
High FSH & LH	Primary ovarian failure
High Testosterone	PCOS or Ovarian tumor

R. Varshney

Dr Rahul Varshney
MD, Pathology
Chief of Laboratory
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GMD Road ,Moradabad - 244001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
INFERTILITY COMPREHENSIVE PANEL FEMALES, SERUM (CLIA)			
Testosterone, Total	26.51	ng/dL	12.09 - 59.46

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Luteal Phase			

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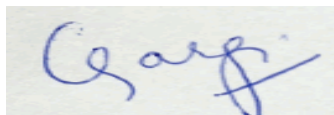
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Dr. Gargi Gupta
MD Pathology
Chief of Laboratory
Dr Lal PathLabs Ltd



Dr Vikram Kumar
MD, Pathology
Consultant Pathologist
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National Reference laboratory, Block E,
Sector 18, Rohini, New Delhi -110085



Test Report

Test Name	Results	Units	Bio. Ref. Interval
INFERTILITY COMPREHENSIVE PANEL FEMALES, SERUM (CLIA)			
Anti Mullerian Hormone	5.92	ng/mL	0.07 - 7.35

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High FSH & LH	Primary ovarian failure		
High Testosterone	PCOS or Ovarian tumor		

DMC - 67327

Dr Anjalika Goyal
MD, Biochemistry
Consultant Biochemist
NRL - Dr Lal PathLabs Ltd

DMC - 89819

Dr Himangshu Mazumdar
MD, Biochemistry
Sr. Consultant Biochemist
NRL - Dr Lal PathLabs Ltd

DMC - 9550

Dr Nimmi Kansal
MD, Biochemistry
Technical Director - Clinical Chemistry
& Biochemical Genetics
NRL - Dr Lal PathLabs Ltd

-----End of report-----



IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory.
•Laboratory 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 circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor. •The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

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National Reference lab, Delhi, a CAP (7171001) Accredited, ISO 9001:2015 (FS60411) & ISO 27001:2013 (616691) Certified laboratory.

