

LPL - PRODUCTION TEST COLLECTION
 CENTRE
 SECTOR - 18, BLOCK-E ROHINI
 DELHI 110085

Name	: DUMMY	Collected	: 4/6/2021 11:18:00AM
Lab No.	: DUMMYZ812	Received	: 4/6/2021 11:19:28AM
Age: 25 Years	Gender: Male	Reported	: 5/6/2021 4:50:28PM
A/c Status : P	Ref By : DR. DUMMY DUMMY	Report Status	: Final

Test Name	Results	Units	Bio. Ref. Interval
INFERTILITY COMPREHENSIVE PANEL FEMALES, SERUM (CLIA)			
FSH	22.00	mIU/mL	1.40 - 18.10
LH	2.00	mIU/mL	1.50 - 9.30
Prolactin	22.00	ng/mL	
Estradiol	22.00	pg/mL	<39.80
Anti Mullerian Hormone	22.00	ng/mL	0.73 - 16.00
Testosterone, Total	22.00	ng/dL	164.94 - 753.38
TSH, Ultrasensitive	22.000	µIU/mL	0.550 - 4.780

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	1.50 - 9.10	0.50 - 16.90	55.8-214.2
Luteal Phase			

AMH LEVEL IN ng/mL	Remarks
<0.50	Predictive of poor response
0.50 - <1.0	Suggestive of limited ovarian



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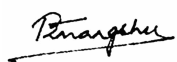
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Test Name	Results	Units	Bio. Ref. Interval
reserve			
1.00 - 3.50	Predictive of optimal response		
>3.50	Predictive of Ovarian hyperstimulation syndrome/PCOS		

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 with normal Testosterone	Hypothalamic pituitary disease
High FSH & LH	Primary ovarian failure
High Testosterone	PCOS or ovarian tumor



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 Biochemical Genetics
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-----End of report -----



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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.*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*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. *Contact customer care Tel No. +91-11-39885050 for all queries related to test results. (#) Sample drawn from outside source.			

Sample Report

