

Name	: DUMMY	Collected	: 29/11/2017 10:08:00AM
Lab No.	: 139242908	Age: Unknown	Gender: Unknown
A/c Status	: P	Ref By : Dr. UNKNWON	Report Status : Final
		Received	: 29/11/2017 10:09:47AM
		Reported	: 29/11/2017 10:47:40AM

Test Name	Results	Units	Bio. Ref. Interval
PCOD (POLYCYSTIC OVARIAN DISEASE) PANEL (Hexokinase,CLIA, CMA)			
Glucose Fasting	70.00		
Insulin, Fasting	7.80		
FSH	3.20		
LH	1.20		
LH:FSH Ratio	0.38		<2.50
Prolactin, Serum	12.50		
Testosterone, Total	80.20		
TSH, Ultrasensitive	4.500		

Note

1. Ratio of LH to FSH > 2.50 indicates the presence of PCOS
2. Test conducted on Plasma (Glucose) and Serum (remaining tests)
3. 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.
4. TSH values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals

Interpretation

TANNER STAGE	AGE IN YEARS	FSH	LH	PROLACTIN	TESTOSTERONE, TOTAL
1	< 9.2	1.00-4.00	0.02-0.18	3.6-12.0	2-10
2	9.2-13.7	1.00-10.80	0.02-4.70	2.6-18.0	5-30
3	10.0-14.4	1.50-12.80	0.10-12.00	2.6-18.0	10-30
4	10.7-15.6	1.50-11.70	0.40-11.70	3.2-20.0	15-40
5	11.8-18.6	1.00-9.20	0.40-11.70	3.2-20.0	10-40

Comments

Polycystic Ovarian Syndrome is a clinical entity associated with enlarged ovaries, infertility, hirsutism, obesity and amenorrhoea. PCOS is clinically defined by hyperandrogenism with chronic anovulation in females without underlying disease of adrenal or pituitary glands. This syndrome is characterized by normal / low levels of FSH with elevated levels of LH & Testosterone. Females with PCOD have a greater frequency of hyperinsulinemia and insulin resistance.



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

Dr Lal Path Labs

