



Patient Name : MRS. S. KAVYA

Age / Gender : 23 years / Female

Mobile No. : -

Patient ID : 1247

Source : JADE CLINIC

Referral : Dr. AVANI REDDY

Collection Time : Apr 01, 2025, 07:51 p.m.

Reporting Time : Apr 02, 2025, 12:52 p.m.

Sample ID :



20000709125

Test Description	Value(s)	Reference Range
<u>Beta HCG (Human Chorionic Gonadotropin - Serum)*</u>		
Beta Human Chorionic Gonadotropin (HCG) (Serum)	11.20	Pregnant Females
Method : CLIA		Gestational Age. Range
		3 Weeks 6.1-73.1
		4 Weeks 9.9-742
		5 Weeks 233-7184
		6 Weeks 278-32683
		7 Weeks 3838-165878
		8 Weeks 31846-151198
		9 Weeks 63861-152897
		10 Weeks 46995-190856
		11 Weeks 35039-203614
		12 Weeks 27801-210914
		13 Weeks 19330-148019
		14 Weeks 13912-62586
		15 Weeks 12001-71054
		16 Weeks 9087-56399
		17 Weeks 8189-55761
		18 Weeks 8071-58243
		Nonpregnant Premenopausal
		Women: ≤ 1.212 mIU/ml
		Post Menopausal Women : ≤ 7.105 mIU/ml

****END OF REPORT****

DR Amberina
M.B.B.S, M.D
Consultant Biochemistry





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Reporting Time : Apr 02, 2025, 10:17 a.m.
Sample ID :



Test Description	Value(s)	Reference Range
Thyroid Profile		
Tri-iodothyronine (T3) Method : CLIA	136.19	Adults Euthyroid :60 to 181 Hypothyroid :less than 60 Hyperthyroid :greater than 181 ng/dl
Thyroxine (T4) Method : CLIA	7.46	Hypothyroid 0.0- 5.5 Euthyroid 4.5 - 10.9 Hyperthyroid 10.8-19.1 µg/dL Pregnant Euthyroid 6.4- 10.7 Cord Blood (0 day) 7.4 - 13.0 Neonatal (1-4 days) 14.0 - 28.4
TSH-Ultrasensitive Method : CLIA	3.60	0.30-4.50 IU/mL 1st Trimester: 0.1-2.5 2nd Trimester: 0.2-3.0 3rd Trimester: 0.3-3.0

Specimen Type : Serum

Interpretation :

It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low. Low TSH levels can be observed in conditions such as goiter, noncancerous tumors or Graves's disease and during the first trimester of pregnancy. High TSH can be observed in surgery, psychiatric medications, radiation therapy or an autoimmune disease.

****END OF REPORT****

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Test Description	Value(s)	Reference Range
<u>Prolactin</u>		
Prolactin	47.1	Female Pediatric Range
(Serum)		Tanner1(<9.2yrs) :3.3-17.0
Method : CLIA		Tanner2-3(9.2-14.4yrs):3.5-21.0
		Tanner4(10.7-15.6yrs) :3.1-14.8
		Tanner5(11.8-18.6yrs) :4.6-21.0
		Adult Females
		Nonpregnant :2.8-29.2
		Pregnant :9.7-208.5
		Postmenopausal :1.8-20.3

Interpretation:

Prolactin initiates and maintains lactation in females. During pregnancy and postpartum lactation, serum prolactin can increase 10- to 20-fold. Renal failure, hypothyroidism, and prolactin-secreting pituitary adenomas are also common causes of abnormally elevated Prolactin levels.

Exercise, stress, and sleep can cause transient increases in Prolactin levels.

****END OF REPORT****

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