

LABORATORY REPORT

PATIENT INFORMATION

Mrs. MANASA K 15176

AGE : 32Y
GENDER : Female
PRIORITY : Routine
OP / IP / DG # :

REFERRED BY

Dr.Durga G Rao
oasis centre - Banjarahills
Lab MR #: 5883397



SPECIMEN INFORMATION

SAMPLE TYPE : Serum
ORDER REQ. NO: OREQ-LAB-22-3118057
LAB ORDER. NO: 2215384823
COLLECTED ON: 26-Jul-2022 00:00
RECEIVED ON: 26-Jul-2022 12:27
REPORT : Completed
STATUS



BIOCHEMISTRY

Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
Beta-HCG Quantitative - Serum (Pregnancy)				
Beta hCG (Quantitative) (ECLIA)	73.60		mIU/mL	Non pregnant women Pre-menopausal: <1.0 Post-menopausal: <7.0

Test Observations:

Biological Reference range in pregnant women: (In weeks of gestational age):

3 weeks: 5.8-71.2 mIU/mL
4 weeks: 9.5-750 mIU/mL
5 weeks: 217-7138 mIU/mL
6 weeks: 158-31795 mIU/mL
7 weeks: 3697-163563 mIU/mL
8 weeks: 32065-149571 mIU/mL
9 weeks: 63803-151410 mIU/mL
10 weeks: 46509-186977 mIU/mL
12 weeks: 27832-210612 mIU/mL
14 weeks: 13950-62530 mIU/mL
15 weeks: 12039-70971 mIU/mL
16 weeks: 9040-56451 mIU/mL
17 weeks: 8175-55868 mIU/mL
18 weeks: 8099-58176 mIU/mL

Comments:

Beta hCG helps to diagnose GTD (Gestational trophoblastic disease) and to monitor therapy.
Beta hCG is also used as tumor marker for testicular carcinoma.

Leutinizing Hormone, LH (ECLIA)	34.97	mIU/mL	Follicular phase: 2.4-12.6 Ovulatory phase: 14-96 Luteal phase: 1-11.4 Postmenopause: 7.7-59
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Test Observations:

Interpretation:

A glycoprotein gonadotropic hormone secreted by anterior pituitary that acts with FSH to promote ovulation and androgen and progesterone production.

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<p>Elevated levels of LH: -Primary gonadal failure in both males and females. -Precocious puberty -Menopause -Primary hypogonadism in males. Decreased in pituitary or hypothalamus insufficiency.</p>				
Progesterone (ECLIA)	5.74		ng/mL	Follicular phase: 0.057-0.893 Ovulation phase: 0.121-12.0 Luteal phase: 1.83-23.9 Postmenopause: 0.05-0.126
<p>Checked by Mr. Raju Munnuru Junior Lab Technician</p>				
<p>-----End of Report-----</p>				
				<p> Dr. Mohammad Ibrahim Shaik Consultant 26-Jul-2022 15:24</p>