



NAME	: Mrs. KINNARI JAIN					
AGE/ GENDER	: 37 YRS/FEMALE				: 1706435	
COLLECTED BY	: SURJESH	REG. NO./LAB NO			: 012412230029	
REFERRED BY		REGISTRATION DATE			: 23/Dec/2024 12:52 PM	
BARCODE NO.	: 01522895		COLLECTION DATE		: 23/Dec/2024 01:09PM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE		: 23/Dec/2024 01:09PM	
CLIENT CODE.					. 23/ Dec/ 2024 02.121	vi
LIENT ADDRESS	. 0349/1, MCHOLSON ROAD, A					
Test Name		Value	Uni	it	Biological R	eference interv
		ENDO	CRINOLOGY			
		ENDU	RINULUGI			
	BETA HCG		UANTITATIVE):	MATER	NAL	
BETA HCG TOTAL,	BETA HCG PREGNANCY MATERNAL:		UANTITATIVE):	MATER U/mL	2NAL < 5.0	
SERUM	PREGNANCY MATERNAL:	- TOTAL (Q	UANTITATIVE):			
SERUM by CLIA (CHEMILUMIN		- TOTAL (Q	UANTITATIVE):			
SERUM by CLIA (CHEMILUMIN	PREGNANCY MATERNAL:	- TOTAL (Q	UANTITATIVE): mI			-
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL:	- TOTAL (Q 17.19 ^H	UANTITATIVE): mI	U/mL	< 5.0	-
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: escence immunoassay) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN:	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI ml ml ml	U/mL IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 7.0	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: ESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mi mi TO WEEKS OF GESTA	U/mL IU/ml IU/ml TIONAL AG	< 5.0 < 2.0 < 5.0 < 7.0 GE	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: escence immunoassay) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN:	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mi mi mi TO WEEKS OF GESTA	U/mL IU/ml IU/ml IU/ml TIONAL A(Jnit	< 5.0 < 2.0 < 5.0 < 7.0 GE Value	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: PESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mi mi mi TO WEEKS OF GESTA	U/mL IU/ml IU/ml IU/ml TIONAL AG Jnit	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 GE Value 1500 -23000	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: ESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mi mi mi TO WEEKS OF GESTA	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 GE Value 1500 -23000 3400 - 135300	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: ESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mi mi mi TO WEEKS OF GESTA	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 7.0 GE Value 1500 - 23000 3400 - 135300 10500 - 161000	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: ESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7 7-8	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mi mi mi mi TO WEEKS OF GESTA mi mi mi mi mi	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 GE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: PESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI ml ml ml ml TO WEEKS OF GESTA U U ml ml ml ml ml ml	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 GE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: PESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9 9-10	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mI mi mi mi TO WEEKS OF GESTA U mi mi mi mi mi mi mi	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 GE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000 42800 - 218000	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: ESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9 9-10 10-11	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI ml constanti constant constant ml constant constant constant	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 GE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000 42800 - 218000 33700 - 218700	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: ESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI mi mi mi mi TO WEEKS OF GESTA mi mi mi mi mi mi mi mi mi mi	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 3E Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000 42800 - 218700 21800 - 193200	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: PESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI ml ml ml ml ml TO WEEKS OF GESTA U U ml ml ml ml ml ml ml ml ml ml ml ml ml	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 GE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000 42800 - 218000 33700 - 218700 21800 - 193200 20300 - 166100	
SERUM by CLIA (CHEMILUMIN INTERPRETATION:	PREGNANCY MATERNAL: ESCENCE IMMUNOASSAY) MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES IN WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12	- TOTAL (Q 17.19 ^H WOMEN:	UANTITATIVE): mI ml ml ml ml ml TO WEEKS OF GESTA TO WEEKS OF GESTA ml ml ml ml ml ml ml ml ml ml ml ml ml	U/mL IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml IU/ml	< 5.0 < 2.0 < 5.0 < 5.0 < 7.0 3E Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000 42800 - 218700 21800 - 193200	





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		D (Pathology) It Pathologist
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	MD (Pathology & Mice Chairman & Consultar : Mrs. KINNARI JAIN : 37 YRS/FEMALE	MD (Pathology & Microbiology) Chairman & Consultant Pathologist CEO & Consultant : Mrs. KINNARI JAIN : 37 YRS/FEMALE PATIENT ID : SURJESH REG. NO./LAB NO.

1.hCG is a Glycoprotein with alpha and beta chains. Beta subunit is specific to hCG.

2.1t is largely secreted by trophoblastic tissue. Small amounts may be secreted by fetal tissues and by the adult ant pituitary.

INCREASED :

1.Pregnancy

2.Gestationalsite & Non gestational trophoblastic neoplasia.

3.In mixed germ cell tumors

SIGNIFICANTLY HIGHER THAN EXPECTED LEVEL:

1.Multiple pregnancies & High risk molar pregnancies are usually associated with levels in excess of one lac mIU/mI. 2.Erythroblastosis fetalis & Downs syndrome.

DECREASED:

1. Ectopic pregnancy

2.Intra-uterine fetal death.

NOTE:

1. The test becomes positive 7-9 days after the midcycle surge that precedes ovulation (time of blastocyst implantation). Blood levels rise rapidly after this and double every 1.4 - 2 days. 2. Peak values are usually seen at 60-80 days of LMP. The levels then begin to taper and ebb out around the 20th week. These low levels are then

maintained throughout pregnancy.

3. Doubling time: In intra-uterine pregnancy, serum hCG levels increase by approximately 66% every 48 hrs. Inappropriately rising serum hCG levels are suggestive of dying or ectopic pregnancy.

CAUTION:

Spuriously high levels (Phantom hCG) may be seen in presence of heterophilic antibodies (found in some normal people). If persistently raised levels are seen in a non-pregnant patient with no evidence of other obvious causes for such an increase a urine hCG assay may help confirm presence of the heterophile antibodies.

* End Of Report ***



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