



	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
NAME	: Mrs. AMISHA				
AGE/ GENDER	: 32 YRS/FEMALE		PATIENT ID	: 1668799	
COLLECTED BY	:		REG. NO./LAB NO.	:012411110081	
REFERRED BY	•		<b>REGISTRATION DATE</b>	: 11/Nov/2024 05:13 PM	
BARCODE NO.	: 01520609		COLLECTION DATE	: 11/Nov/2024 05:15PM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 11/Nov/2024 07:19PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A			. 11/ NOV/ 2024 07.191 M	
	. 0340/1, Menolson Rond, I				
Test Name		Value	Unit	Biological Refere	nce interva
RETA HCC ፕሪፕላ፤	<b>BETA HCG</b> PREGNANCY MATERNAL:	- <b>TOTAL (QU</b> < 1.20	ANTITATIVE): MAT mIU/mL	E <b>RNAL</b> < 5.0	
	FREGNANCI MAIERNAL.	< 1.20	IIIIU/IIIL	< 5.0	
by CLIA (CHEMILUMIN	IESCENCE IMMUNOASSAY)				
by CLIA (CHEMILUMIN	MESCENCE IMMUNOASSAY)		mlU/ml	< 2.0	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL	WOMEN:	mIU/mI	< 5.0	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN:		mIU/mI mIU/mI	< 5.0 < 7.0	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I		mIU/mI mIU/mI TO WEEKS OF GESTATIONAL	< 5.0 < 7.0 AGE	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION		mIU/ml mIU/ml TO WEEKS OF GESTATIONAL Unit	< 5.0 < 7.0 AGE Value	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5		mIU/mI mIU/mI TO WEEKS OF GESTATIONAL Unit mIU/mI	< 5.0	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: ON PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5 5-6		mIU/mI mIU/mI TO WEEKS OF GESTATIONAL Unit mIU/mI mIU/mI	<pre>&lt; 5.0 </pre> < 7.0 AGE Value 1500 -23000 3400 - 135300	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5		mIU/mI mIU/mI TO WEEKS OF GESTATIONAL Unit mIU/mI	< 5.0 < 7.0 AGE Value 1500 - 23000 3400 - 135300 10500 - 161000	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5 5-6 6-7		mIU/mI mIU/mI TO WEEKS OF GESTATIONAL Unit mIU/mI mIU/mI mIU/mI	<pre>&lt; 5.0 </pre> < 7.0 AGE Value 1500 -23000 3400 - 135300	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5 5-6 6-7 7-8		mIU/ml           mIU/ml           TO WEEKS OF GESTATIONAL           Unit           mIU/ml           mIU/ml           mIU/ml           mIU/ml           mIU/ml           mIU/ml           mIU/ml           mIU/ml	< 5.0 < 7.0 AGE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9		mIU/ml mIU/ml mIU/ml mIU/ml mIU/ml mIU/ml mIU/ml mIU/ml mIU/ml mIU/ml	<ul> <li>&lt; 5.0</li> <li>&lt; 7.0</li> <li>AGE</li> <li>Value</li> <li>1500 - 23000</li> <li>3400 - 135300</li> <li>10500 - 161000</li> <li>18000 - 209000</li> <li>37500 - 219000</li> </ul>	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9 9-10		mIU/ml           mIU/ml           mIU/ml           TO WEEKS OF GESTATIONAL           Unit           mIU/ml	< 5.0 < 7.0 AGE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000 42800 - 218000	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN: DN PREGNANT PRE-MENOPAUSAL MENOPAUSAL WOMEN: BETA HCG EXPECTED VALUES I WEEKS OF GESTATION 4-5 5-6 6-7 7-8 8-9 9-10 10-11		mIU/ml           mIU/ml           mIU/ml           TO WEEKS OF GESTATIONAL           Unit           mIU/ml	< 5.0	
by CLIA (CHEMILUMIN INTERPRETATION:	MEN:           DN PREGNANT PRE-MENOPAUSAL           MENOPAUSAL WOMEN:           BETA HCG EXPECTED VALUES I           WEEKS OF GESTATION           4-5           5-6           6-7           7-8           8-9           9-10           10-11           11-12           12-13           13-14		mIU/ml           mIU/ml           mIU/ml           roweeks of gestational           Unit           mIU/ml           mIU/ml	<ul> <li>&lt; 5.0</li> <li>&lt; 7.0</li> <li>AGE</li> <li>Value</li> <li>1500 - 23000</li> <li>3400 - 135300</li> <li>10500 - 161000</li> <li>18000 - 209000</li> <li>37500 - 219000</li> <li>42800 - 218000</li> <li>33700 - 218700</li> <li>21800 - 193200</li> </ul>	
INTERPRETATION:	MEN:           DN PREGNANT PRE-MENOPAUSAL           MENOPAUSAL WOMEN:           BETA HCG EXPECTED VALUES I           WEEKS OF GESTATION           4-5           5-6           6-7           7-8           8-9           9-10           10-11           11-12           12-13		mIU/ml           mIU/ml           mIU/ml           roweeks of gestational           unit           mIU/ml           mIU/ml	< 5.0 AGE Value 1500 - 23000 3400 - 135300 10500 - 161000 18000 - 209000 37500 - 219000 42800 - 218000 33700 - 218700 21800 - 193200 20300 - 166100	





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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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