

Dr. Vinay Chopra
MD (Pathology & Microbiology)
Chairman & Consultant Pathologist

Dr. Yugam Chopra
MD (Pathology)
CEO & Consultant Pathologist

NAME : Mrs. ISHA
AGE/ GENDER : 35 YRS/FEMALE
COLLECTED BY :
REFERRED BY : SHARMA HOSPITAL
BARCODE NO. : 01517893
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1628273
REG. NO./LAB NO. : 012409280049
REGISTRATION DATE : 28/Sep/2024 02:55 PM
COLLECTION DATE : 28/Sep/2024 02:56PM
REPORTING DATE : 28/Sep/2024 03:30PM

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

HAEMATOLOGY

COMPLETE BLOOD COUNT (CBC)

RED BLOOD CELLS (RBCS) COUNT AND INDICES

HAEMOGLOBIN (HB) by CALORIMETRIC	9.3 ^L	gm/dL	12.0 - 16.0
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	3.68	Millions/cmm	3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	28.8 ^L	%	37.0 - 50.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	78.4 ^L	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	25.1 ^L	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	32.1	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	16.5 ^H	%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	48.1	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	21.3	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED	34.91	RATIO	BETA THALASSEMIA TRAIT: <= 65.0 IRON DEFICIENCY ANEMIA: > 65.0

WHITE BLOOD CELLS (WBCS)

TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7890	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10 %

DIFFERENTIAL LEUCOCYTE COUNT (DLC)

NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	66	%	50 - 70
--	----	---	---------




DR. VINAY CHOPRA
CONSULTANT PATHOLOGIST
MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR. YUGAM CHOPRA
CONSULTANT PATHOLOGIST
MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 03:30PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
LYMPHOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	24	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
<u>ABSOLUTE LEUKOCYTES (WBC) COUNT</u>			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5207	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1894	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	394	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	394	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
<u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u>			
PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	209000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.27	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	13 ^H	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	101000 ^H	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	48.6 ^H	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	16.1	%	15.0 - 17.0
NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD			




DR. VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR. YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 04:35PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

CLINICAL CHEMISTRY/BIOCHEMISTRY

GLUCOSE RANDOM (R)

GLUCOSE RANDOM (R): PLASMA	99.61	mg/dL	NORMAL: < 140.00
by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD)			PREDIABETIC: 140.0 - 200.0
			DIABETIC: > OR = 200.0


INTERPRETATION

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

1. A random plasma glucose level below 140 mg/dl is considered normal.
2. A random glucose level between 140 - 200 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
3. A random glucose level of above 200 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.




DR. VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR. YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 29/Sep/2024 01:16PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

ENDOCRINOLOGY

DUAL MARKER MATERNAL SCREENING

DUAL MARKER TEST

PATEINT SPECIFICATIONS

DATE OF BIRTH	16-11-1989		
MATERNAL AGE	35.39	YEARS	
WEIGHT	50	Kg	
ETHNIC ORIGIN	ASIAN		ASIAN
H/O IVF	ABSENT		
H/O SMOKING	ABSENT		
H/O INSULIN DEPENDANT DIABETES	ABSENT		
H/O TRISOMY 21 SCREENING	ABSENT		

ULTRA SOUND SCAN DETAILS

DATE OF ULTRASOUND	28-09-2024		
by ULTRASOUND SCAN			
METHOD FOR GESTATION AGE ESTIMATION	ULTRASOUND SCAN DETAILS		
by ULTRASOUND SCAN			
FOETUS (NOS)	1		
by ULTRASOUND SCAN			
GA ON THE DAY OF SAMPLE COLLECTION	12.4	WEEKS	
by ULTRASOUND SCAN			
CROWN RUMP LENGTH (CRL)	62	mm	38 - 84
by ULTRASOUND SCAN			
GESTATIONAL AGE BY CRL	12.4		
by ULTRASOUND SCAN			
NUCHAL TRANSLUCENCY (NT)	1.84	mm	0.1 - 6.0
by ULTRASOUND SCAN			
NUCHAL TRANSLUCENCY (NT) MOM	1.15		
by ULTRASOUND SCAN			

DUAL MARKER - BIOCHEMICAL MARKERS

PREGNANCY ASSOCIATED PLASMA	4295.554	mIU/L
-----------------------------	----------	-------




DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 29/Sep/2024 01:16PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
PROTEIN A (PAPP-A) by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)			
BETA HCG - FREE: SERUM by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	17.181	ng/mL	
MULTIPLE OF MEDIAN (MOM) VALUES			
PAPP-A MOM by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	0.74		
BETA HCG - FREE MOM by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	0.31		
TRISOMY 21 SCREENING (DOWNS SYNDROME) RISK ASSESSMENT			
TRISOMY 21 SCREENING RISK RESULT by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	NEGATIVE (-ve)		NEGATIVE (-ve)
TRISOMY 21 AGE RISK by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	1:393 NEGATIVE (-ve)		
TRISOMY 21 BIOCHEMICAL RISK by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	< 1:10000 NEGATIVE (-ve)		RISK CUT OFF 1:150
TRISOMY 21 COMBINED RISK (BIOCHEMICAL + NT) by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	< 1:10000 NEGATIVE (-ve)		RISK CUT OFF 1:150
TRISOMY 18 SCREENING RISK ASSESSMENT			
TRISOMY 18 AGE RISK by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	NEGATIVE (-ve)		
TRISOMY 13/18 SCREENING RISK by CLIA (CHEMILUMINESCENCE IMMUNOASSAY)	< 1:10000 NEGATIVE (-ve)		RISK CUT OFF 1:300

INTERPRETATION:

- Double marker test (maternal serum screen – first trimester) is a prenatal test to screen for Trisomy 21 (down's syndrome) and Trisomy 13/18 during gestational period 8 – 13 weeks.
- Besides the biochemical markers tested – maternal pregnancy associated plasma protein a (papp-a) & maternal free beta hcg, the risk is calculated combining usg measurement of nuchal translucency (nt), gestational age at the time of sample with other maternal factors as age, weight, h/o diabetes, smoking, race, twin pregnancies, use of assisted reproductive technologies (IVF).




DR. VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR. YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 29/Sep/2024 01:16PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

NOTE:

- 1.This is only screening test based purely on statistical analysis which is further based on the data submitted; hence the correctness of data is vital for risk analysis.
- 2.A negative screen indicates a lower probability of having a baby with trisomy 21 ,trisomy 18 and neural tube defects, but does not completely exclude the possibility.
- 3.A positive screen on the contrary only indicates a higher probability of having a baby with trisomy 21, trisomy 18 and neural tube defects, and needs confirmation by cytogenetic studies and/or level ii scan.
- 4.The detection rate by this test is about 60%, with 5% false positive rate when assesment is done for only biochemical parameters and increase to 85 % with 5% false positive rate when both biochemical parameters and nt are combined for analysis.
- 5.Correlation with patient history, family history and detailed USG scan is required to decide further course of action in cases who have high risk statistically calculated by this test.




DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS , MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 04:46PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

IMMUNOPATHOLOGY/SEROLOGY

HEPATITIS C VIRUS (HCV) ANTIBODY: TOTAL

HEPATITIS C ANTIBODY (HCV) TOTAL: SERUM	0.02	S/CO	NEGATIVE: < 1.00
by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)			POSITIVE: > 1.00
HEPATITIS C ANTIBODY (HCV) TOTAL	NON - REACTIVE		
RESULT			
by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)			

INTERPRETATION:-

RESULT (INDEX)	REMARKS
< 1.00	NON - REACTIVE/NOT - DETECTED
> =1.00	REACTIVE/ASYMPTOMATIC/INFECTIVE STATE/CARRIER STATE.

Hepatitis C (HCV) is an RNA virus of Favivirus group transmitted via blood transfusions, transplantation, injection drug abusers, accidental needle punctures in healthcare workers, dialysis patients and rarely from mother to infant. 10 % of new cases show sexual transmission. As compared to HAV & HBV , chronic infection with HCV occurs in 85 % of infected individuals. In high risk population, the predictive value of Anti HCV for HCV infection is > 99% whereas in low risk populations it is only 25 %.

USES:

- Indicator of past or present infection, but does not differentiate between Acute/ Chronic/Resolved Infection.
- Routine screening of low and high prevalence population including blood donors.

NOTE:

- False positive results are seen in Auto-immune disease, Rheumatoid Factor, HYpergammaglobulinemia, Paraproteinemia, Passive antibody transfer, Anti-idiotypes and Anti-superoxide dismutase.
- False negative results are seen in early Acute infection, Immunosuppression and Immuno— incompetence.
- HCV-RNA PCR recommended in all reactive results to differentiate between past and present infection.




 DR.VINAY CHOPRA

CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


 DR.YUGAM CHOPRA

CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 04:35PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

ANTI HUMAN IMMUNODEFICIENCY VIRUS (HIV) DUO ULTRA WITH (P-24 ANTIGEN DETECTION)

HIV 1/2 AND P24 ANTIGEN: SERUM	0.1	S/CO	NEGATIVE: < 1.00 POSITIVE: > 1.00
by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)			
HIV 1/2 AND P24 ANTIGEN RESULT	NON - REACTIVE		
by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)			

INTERPRETATION:-

RESULT (INDEX)	REMARKS
< 1.00	NON - REACTIVE
> = 1.00	PROVISIONALLY REACTIVE

Non-Reactive result implies that antibodies to HIV 1/ 2 have not been detected in the sample . This means that patient has either not been exposed to HIV 1/ 2 infection or the sample has been tested during the "window phase" i.e. before the development of detectable levels of antibodies. Hence a Non Reactive result does not exclude the possibility of exposure or infection with HIV 1/ 2.

RECOMMENDATIONS:

1. Results to be clinically correlated
2. Rarely falsenegativity/positivity may occur.




 DR.VINAY CHOPRA

CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


 DR.YUGAM CHOPRA

CONSULTANT PATHOLOGIST
 MBBS , MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 04:46PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

HEPATITIS B SURFACE ANTIGEN (HBsAg) ULTRA

HEPATITIS B SURFACE ANTIGEN (HBsAg): 0.01 S/CO
 SERUM
 NEGATIVE: < 1.0
 POSITIVE: > 1.0

by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)

HEPATITIS B SURFACE ANTIGEN (HBsAg) NON REACTIVE
 RESULT

by CMIA (CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY)

INTERPRETATION:

RESULT IN INDEX VALUE	REMARKS
< 1.30	NEGATIVE (-ve)
>=1.30	POSITIVE (+ve)

Hepatitis B Virus (HBV) is a member of the Hepadna virus family causing infection of the liver with extremely variable clinical features. Hepatitis B is transmitted primarily by body fluids especially serum and also spread effectively sexually and from mother to baby. In most individuals HBV hepatitis is self limiting, but 1-2 % normal adolescent and adults develop Chronic Hepatitis. Frequency of chronic HBV infection is 5-10% in immunocompromised patients and 80 % neonates. The initial serological marker of acute infection is HBsAg which typically appears 2-3 months after infection and disappears 12-20 weeks after onset of symptoms. Persistence of HBsAg for more than 6 months indicates carrier state or Chronic Liver disease.




DR. VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR. YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 03:30PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

VDRL by IMMUNOCHROMATOGRAPHY	NON REACTIVE		NON REACTIVE
---------------------------------	--------------	--	--------------

INTERPRETATION:

- Does not become positive until 7 - 10 days after appearance of chancre.
- High titer (>1:16) - active disease.**
- Low titer (<1:8) - biological falsepositive test in 90% cases or due to late or late latent syphilis.**
- Treatment of primary syphilis causes progressive decline to negative VDRL within 2 years.
- Rising titer (4X) indicates relapse, reinfection, or treatment failure and need for retreatment.
- May be nonreactive in early primary, late latent, and late syphilis (approx. 25% of cases).
- Reactive and weakly reactive tests should always be confirmed with FTA-ABS (fluorescent treponemal antibody absorption test).**

SHORT TERM FALSE POSITIVE TEST RESULTS (<6 MONTHS DURATION) MAY OCCUR IN:

- Acute viral illnesses (e.g., hepatitis, measles, infectious mononucleosis)
- M. pneumoniae; Chlamydia; Malaria infection.
- Some immunizations
- Pregnancy (rare)

LONG TERM FALSE POSITIVE TEST RESULTS (>6 MONTHS DURATION) MAY OCCUR IN:

- Serious underlying disease e.g., collagen vascular diseases, leprosy, malignancy.
- Intravenous drug users.
- Rheumatoid arthritis, thyroiditis, AIDS, Sjogren's syndrome.
- <10 % of patients older than age 70 years.
- Patients taking some anti-hypertensive drugs.




 DR. VINAY CHOPRA

CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


 DR. YUGAM CHOPRA

CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 03:37PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC EXAMINATION

PHYSICAL EXAMINATION

QUANTITY RECIEVED	10	ml	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
COLOUR	PALE YELLOW		PALE YELLOW
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
TRANSPARANCY	CLEAR		CLEAR
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
SPECIFIC GRAVITY	1.02		1.002 - 1.030
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

CHEMICAL EXAMINATION

REACTION	ACIDIC		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
PROTEIN	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
SUGAR	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
pH	6		5.0 - 7.5
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
BILIRUBIN	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
NITRITE	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.			
UROBILINOGEN	Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
KETONE BODIES	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
BLOOD	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
ASCORBIC ACID	NEGATIVE (-ve)		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

MICROSCOPIC EXAMINATION




DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

NAME	: Mrs. ISHA	PATIENT ID	: 1628273
AGE/ GENDER	: 35 YRS/FEMALE	REG. NO./LAB NO.	: 012409280049
COLLECTED BY	:	REGISTRATION DATE	: 28/Sep/2024 02:55 PM
REFERRED BY	: SHARMA HOSPITAL	COLLECTION DATE	: 28/Sep/2024 02:56PM
BARCODE NO.	: 01517893	REPORTING DATE	: 28/Sep/2024 03:37PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
RED BLOOD CELLS (RBCs) <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)	/HPF	0 - 3
PUS CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	1-3	/HPF	0 - 5
EPITHELIAL CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	2-4	/HPF	ABSENT
CRYSTALS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
OTHERS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	ABSENT		ABSENT

*** End Of Report ***





DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)



DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS , MD (PATHOLOGY)



Basic Information

Name: ISHA Contact: Gender: Female
 Weight: 50.00 Kg Birthdate: 1989-11-16 Age of EDC: 35.39 Year
 Race: Asian Twins: No GA calc method: CRL Robinson
 LMP Day: Sender:

Sample information

Send time: 2024-09-29 Sample NO.: 01517893 Scan Date: 2024-09-28
 Lab: Sample Date: 2024-09-28 GA: 12+4
 BPD: -- mm CRL length: 62.00 mm NT length: 1.84 mm

Assay

NO.	Item abbr	Result	Unit	MOM	Reference range
1	free-β-HCG	17.18	ng/ml	0.31	
2	PAPP-A	4295.55	mIU/L	0.74	
3	NT	1.84	mm	1.15	

Risk calculate

Age risk: 1:393

Parameter: Trisomy21

Risk: 1:23599

Cut Off: (< 1:150)

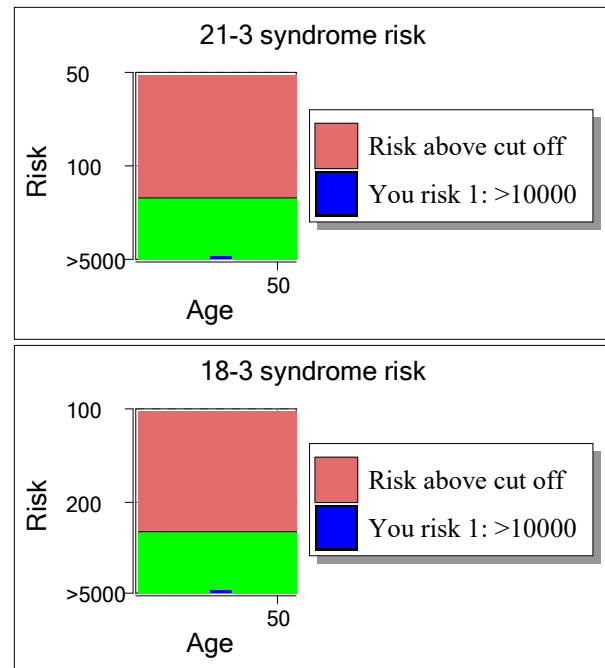
Screening Result: Negative

Parameter: Trisomy18/13

Risk: 1:19164

Cut Off: (< 1:300)

Screening Result: Negative



Parameter:

Cut Off:

Screening Result:

Advice:Diagnostic results with less risk

Note: *The basic information on the basis of Down's risk assessment in this report is provided at the time of your onsite. When you get this report , please first check whether your relevant information is correct. If there is any discrepancy, please contact your doctor in time, so as to feedback us the correct information and documents, then obtain the correct report.

*The high risk and borderline risk of trisomy 21 or trisomy 18 requires further interventional prenatal diagnosis (from fetuses such as villus, amniotic fluid, cord blood, etc.); high risk of neural tube defect (NTD), please go to ultrasound prenatal diagnosis qualified hospitals use ultrasound to exclude.

*The risk of NTD is only calculated at 14-22 weeks.

*The screening result with low risk only shows that the chance of this kind of congenital abnormality in your fetus is less , and the possibility of this kind of abnormality or other abnormalities cannot be completely ruled out. Please consult a doctor in time after you get the report, and the doctor will follow your Risks and other conditions (whether you are older than 35 years old, whether you have had more than one child with other deformities, or have other diseases such as tumors) are comprehensively considered to suggest whether you need to take further examination to confirm the diagnosis.

****This report only can be reference and assistant for doctor , cannot directly give conclusion by this ****

Doctor:

Checked by :

Print date: 2024-09-29 13:08:08