



Bharti Hospital

An ISO 9001 : 2008 (QMS) Certified Hospital

Date :

REG...NO: 2023-202404
NAME: MR. ANKIT KUMAR
REF...BY: BOB

DATE: 24/02/2023
AGE: 32 Y/M

ECHO CARDIOGRAPHY REPORT

Measurements

Aortic root diameter:	29 mm	(20-37mm)
Aortic valve diameter:	20 mm	(15-26mm)
LV dimension:		(19-40mm)
LVD(systolic):	19 mm	(22-40mm)
LVD(diastolic):	32 mm	(37-56mm)
RVD(diastolic):	16 mm	(7-23mm)
IVST	ES: 14.1	ED: 10.9
LVPWT	ES: 13.6	ED: 9.9
LA(diastolic):	27.2mm	(19-40mm)

INDICES OF LV FUNCTION:

EPSS		(< 9mm)
Fractional shortening	30%	(24-42%)
Ejection fraction	60%	(50-70%)

IMAGING:

M mode examination revealed normal movements of both mitral leaflets during diastole(DE-18mm,EF-130mm/sec). No mitral valve prolapse is seen. Aortic cusps are not thickened and closure line is central, tricuspid and pulmonary valves are normal. Aortic root is normal in size. Dimension of left atrium and left ventricle are normal.

2D imaging in PLAX, SAX and apical view revealed a normal size left ventricle. No regional wall motion abnormality present. Global LVEF is 60%.

Mitral valve opening is normal. No mitral valve prolapse is seen. Aortic valve has three cusps and its opening is not restricted. Tricuspid valve leaflets move normally. Pulmonary valve is normal. Interatrial and interventricular septa are intact.

No intra cardiac mass or thrombus is seen. No pericardial effusion is seen.

Facilities

ICU, Facility for Medical & Cardiac Emergency, ECG, Nebulizer, Centralized Oxygen, Monitor BIPAP, Defibrillator, Echo Cardiography, TMT, X-ray, PFT, Computerised Pathology



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DOPPLER :

MV	0.96/0.62m/sec.	MR : nil	
AV	0.79 m/sec.	AR : nil	
TV	0.59 m/sec.	TR : Trace	Max vel. (TR) = 1.28 m/s
PV	0.71 m/sec.	PR : nil	

COLOUR FLOW

Normal flow signals are seen across all cardiac valves. *Trace TR.*
No flow signals are seen across IAS and IVS.

FINAL DIAGNOSIS :

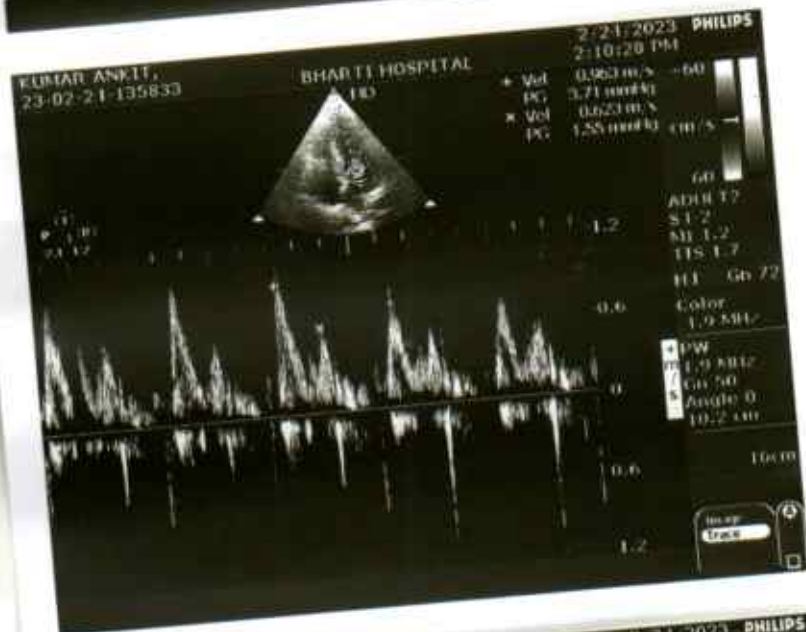
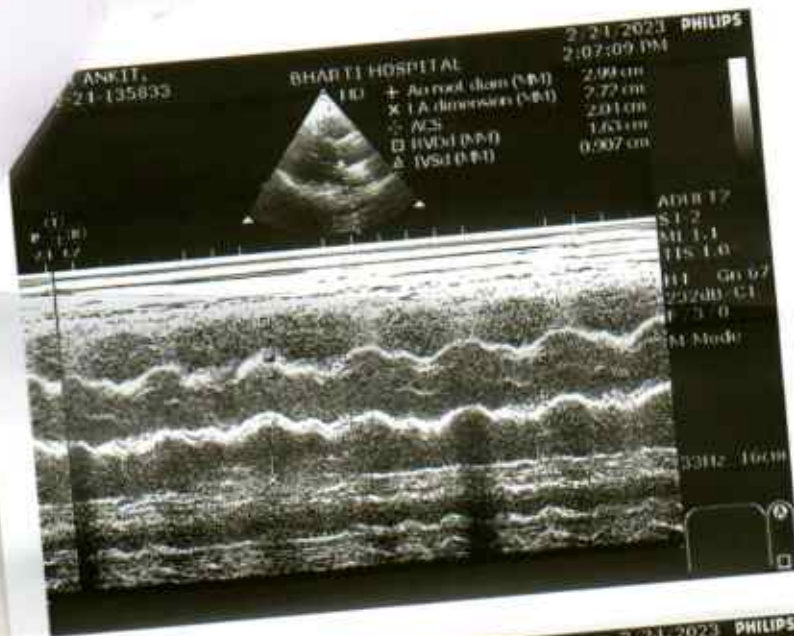
Normal cardiac chamber dimension
No regional wall motion abnormality is present.
Systolic left ventricle function is normal with EF 60%.
Diastolic left ventricle function is normal.
Colour flow through all the valves is normal with no structural abnormality. *Trace TR.*
No intracardiac thrombus or mass is seen.
No pericardial effusion is present.

DR. BHARTI GUPTA (M.D)

All congenital heart defect can not be detected by transthoracic echocardiography.
In case of disparity test should be repeated at higher cardiac centre. Not valid for medico-legal purpose.

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DATE : 24/02/2023

NAME : MR. ANKIT KUMAR

REF...BY: B O B

AGE /SEX: 32 Y/M

2D REAL TIME GENERAL SONOLOGICAL STUDY OF WHOLE ABDOMEN

LIVER: Is normal in size with mildly increased parenchymal echogenicity. Margins are regular. Intra hepatic bile ducts (IHD) are not dilated. No focal mass seen. Portal Vein & C.B.D. is normal in caliber.

GALL BLADDER: No calculi/mass lesion is seen in its lumen. No pericholecystic collection is seen.

SPLEEN: is normal in size and shape. Echotexture appears normal.

PANCREAS: Shows normal size and echotexture. No focal mass / peripancreatic collection is seen.

RIGHT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No calculus /hydronephrosis is seen.

LEFT KIDNEY: Shows normal position, size, shape and contour. Cortical echotexture is normal. CMD is maintained. No hydronephrosis,

No free fluid/ retroperitoneal adenopathy is seen.

U.BLADDER: is normal in distension and in wall thickness. Lumen is clear. No calculus or mass lesion is seen.

PROSTATE: is normal in size (24.7x29.7x30.5mm), shape and echotexture. Weight 11.7 cm³.

NOTE- Excessive Gas is Present in Abdomen.

IMPRESSION: Grade = I Fatty Liver.

ADVICE: Clinical Correlation.

SONOLOGIST

Best efforts were made during investigation, however in case of any Confusion/ Confirmation review can be done, free of cost. Not valid for medico-legal purpose.

Facilities

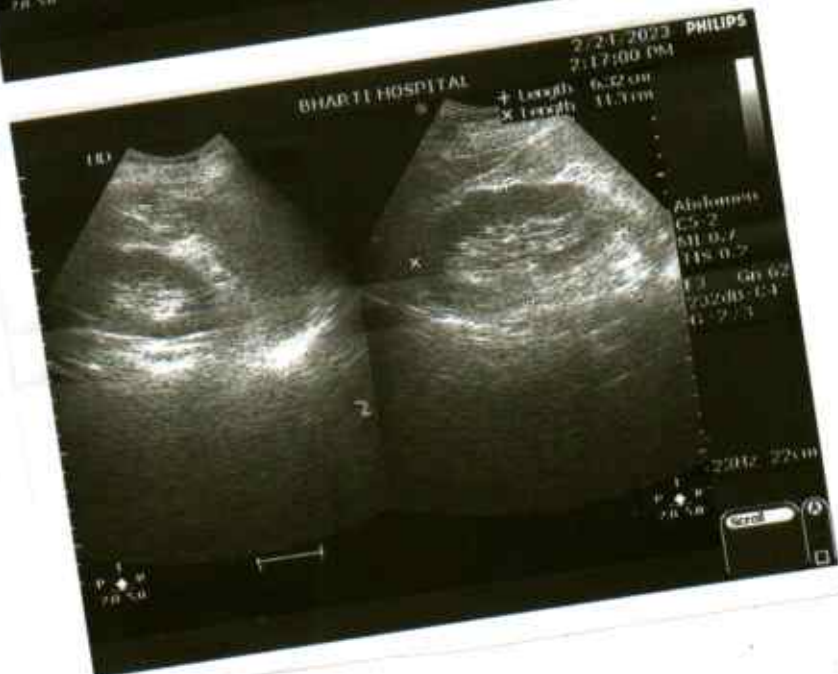
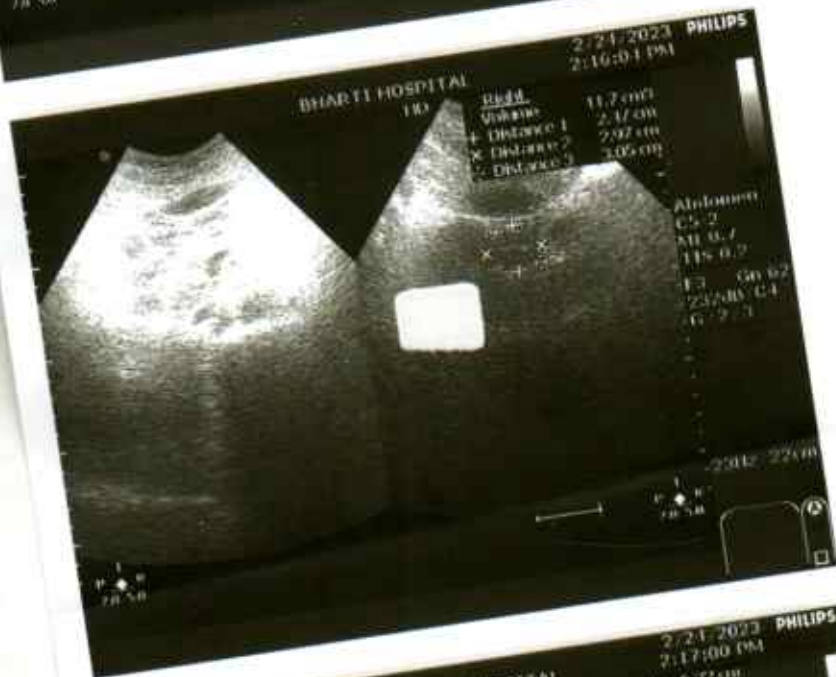
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यहाँ भ्रूण-विलय परीक्षण नहीं किया जाता है। यह एक दृष्टिकोण अवसर है।

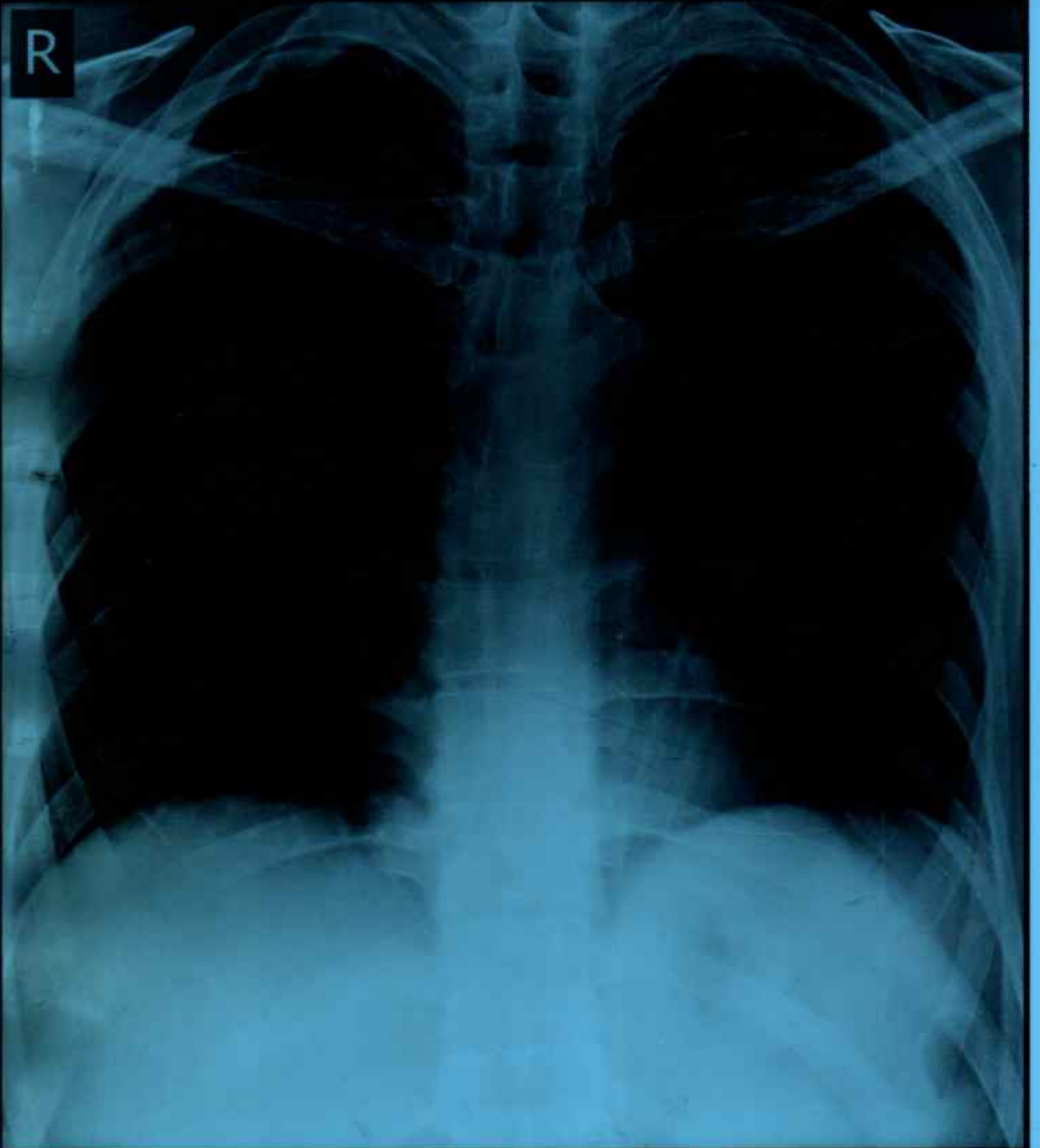
This Report is only A Professional Opinion & Should Be Clinically Co-related

NOT VALID FOR MEDICO-LEGAL PURPOSE

सभी प्रकार के हेल्थ चेकअप पैकेज उपलब्ध



R



ANKIT KUMAR 33Y Male

Chest PA

BHARTI HOSPITAL SONKH ROAD, KRISHNA NAGAR MATHURA.

24/02/2023 15:32:09





Scientific Pathology

A ISO 9001: 2015 Certified Lab
Bal. 3460

S.V. SCIENTIFIC PATHOLOGY

Bharti Hospital

SONKH ROAD, KRISHNA NAGAR, MATHURA

DR. SHIKHA VYAS

D.C.P. (PATH.)

R.NO. 52957/ 17.08.2006

Date	24/02/2023	Srl No.	122	Sex	F
Name	MRS. ANKIT KUMAR	Age	32 Yrs.	OUT SIDE SAMPLE	
Ref. By	BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
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HAEMATOLOGY - TEST REPORT

HAEMOGLOBIN (HB)	14.8	gm/dl	11.5 - 16.0
TOTAL LEUCOCYTIC COUNT (TLC)	9,400	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	68	%	40 - 80
LYMPHOCYTE	26	%	20 - 40
EOSINOPHIL	04	%	1 - 6
MONOCYTE	02	%	2 - 10
R B C	5.05	millions/cmm	3.8 - 4.8
P.C.V / HAEMATOCRIT	46.1	%	36.0 - 46.0
M C V	91.3	fl.	82.0 - 101.0
M C H	29.3	picogram	27.0 - 32.0
M C H C	32.1	gm/dl	31.5 - 34.5
PLATELET COUNT	184	x10 ³ /μL	150 - 450
MEAN PLATELET VOLUME	7.65	fl	7.5 - 11.5
RDW-CV	16.3	%	11.5 - 14.5
ERYTHROCYTE SED.RATE(WGN) Automated Mini ESR	09	mm/1st hr.	0.00 - 20.0
BLOOD GROUP ABO	" AB "		
RH TYPING	POSITIVE		

The upper agglutination test for grouping has some limitations.
For further confirmation Reverse typing card (Dia clon ABO / D) Method is suggested.

HbA1C (GLYCOSYLATED Hb)	5.40	%
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METHOD: HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. (HPLC)
(BIO-RAD DIASTAT)



Contd...2

All Tests have Technical Limitations. Collaborative clinicopathological interpretation is mandatory. In Case of disparity Test may be repeated immediately. Test marked with an (*) are not accredited by NABL.

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Opp. Vipin Nursing Home, Shankar Vihar, Krishna Nagar, Mathura- 281004

Mob. ☎ 08954464646, ☎ 7055111414 | Email : svspathology@gmail.com

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EXPECTED VALUES :-

Metabolically healthy patients =	4.8 - 6.0 % HbA1C
Good Control =	5.5 - 6.8 % HbA1C
Fair Control =	6.8-8.2 % HbA1C
Poor Control =	>8.2 % HbA1C

HBA1C ESTIMATED AVERAGE GLUCOSE (eAG)	107.74	65.00 - 135.00
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REMARKS:-

In vitro quantitative determination of HbA1C in whole blood is utilized in long term monitoring of glycemia. The HbA1C level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose.

It is recommended that the determination of HbA1C be performed at intervals of 4-6 weeks during diabetes mellitus therapy. Results of HbA1C should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

Estimated average glucose (eAG) - There is a predictable relationship between HbA1c and eAG. It helps people with diabetes to correlate their A1c to daily glucose monitoring levels. It reflects the average glucose levels in the past 2-3 months. The eAG calculation converts the A1c percentage to the same units used by glucometers-mg/dl. The following table shows the relationship of eAG and A1c.

HbA1c (%)	eAG (mg/dL)
5	97
6	126
7	154
8	183
9	212
10	240
11	269
12	298



Contd...3

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Name	MRS. ANKIT KUMAR	Age	32 Yrs.	OUT SIDE SAMPLE	
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Investigation Name	Result Value	Unit	Biomedical Ref Range
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BIOCHEMISTRY - TEST REPORT

BLOOD SUGAR FASTING	93.8	mg/dl	
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REFERENCE RANGE :

Normal	:	< 110
Impaired Glucose Tolerance	:	110 - 125
Diabetes Mellitus	:	≥126

CREATININE	0.94	mg/dl	0.50 - 1.30
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Neonates (premature): 0.29 - 1.04
 Neonates (Full term): 0.24 - 0.85
 2 - 12 Months : 0.17 - 0.42
 1 - <3 Yrs : 0.24 - 0.41
 3 - <5 Yrs : 0.31 - 0.47
 5 - <7 Yrs : 0.32 - 0.59
 7 - <9 Yrs : 0.40 - 0.60
 9 - <11 Yrs : 0.39 - 0.73
 11 - <13 Yrs : 0.53 - 0.79
 13 - <15 Yrs : 0.57 - 0.87

URIC ACID	6.20	mg/dl	2.4 - 5.70
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LIPID PROFILE

SERUM CHOLESTEROL	197.8	mg/dl	
Optimal	< 200	mg/dl	
Border Line High Risk	200 - 239	mg/dl	
High Risk	> 240	mg/dl	

TRIGLYCERIDES	185.2	mg/dl	
Optimal	< 150	mg/dl	

Contd...4



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BIOCHEMISTRY - TEST REPORT**L.F.T / LIVER FUNCTION TEST**

TOTAL BILIRUBIN	0.57	mg/dl	0.20 - 1.00
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Reference rangeReference range according to Thomas

Total bilirubin : up to 1.1 mg/dl

Reference range according to Sherlock and Meltes

Adults and children : up to 1.0 mg/dl

New born**Age of new born**

24 hours

48 hours

3 - 5 days

Age of new born

24 hours

48 hours

3-5 days

Premature

1.0 - 6.0 mg/dl

6.0 - 8.0 mg/dl

10.0 - 15.0 mg/dl

Full term

2.0 - 6.0 mg/dl

6.0 - 7.0 mg/dl

4.0 - 12.0 mg/dl

CONJUGATED (D. Bilirubin)	0.35	mg/dl	0.1 - 0.4
UNCONJUGATED (I.D. Bilirubin)	0.22	mg/dl	0.2 - 0.7
TOTAL PROTEINS	7.52	gm/dl	6.0 - 8.2
ALBUMIN	4.63	gm/dl	3.5 - 5.2
GLOBULIN	2.89	gm/dl	2.3 - 3.5
A/G RATIO	1.602	gm/dl	0.8 - 2.0
S.G.O.T (AST)	37.8	U/L	0.0 - 35.0
S G.P.T (ALT)	62.5	U/L	0.0 - 45.0
ALKALINE PHOSPHATASE OPTIMIZED	99.8	U/L	0 - 0

Expected Values :



Contd...6

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Name	MRS. ANKIT KUMAR	Age	32 Yrs.	OUT SIDE SAMPLE	
Ref. By	BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
Aged 1 Day	< 250	U/L	
Aged 2 to 5 Days	< 231	U/L	
Aged 6 Days to 6 Months	< 449	U/L	
Aged 7 Months to 1 Year	< 426	U/L	
Aged 1 - 3 Yrs	< 281	U/L	
Aged 4 - 6 Yrs	< 269	U/L	
Aged 7 - 12 Yrs	< 300	U/L	
Aged 13 - 17 Yrs (Male)	< 390	U/L	
Aged 13 - 17 Yrs (Female)	< 187	U/L	
Men (Adult)	40 - 129	U/L	
Women (Adult)	35 - 104	U/L	

GGTP	120.00	U/L	0.80 - 55.0
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IMMUNOLOGY - SEROLOGY TEST REPORT

HUMAN IMMUNO DEFICIENCY VIRUS (HIV)	NON REACTIVE
HBsAg	NON REACTIVE

Method :- 3rd Generation sandwich immunoassay
LIMITATIONS

As with all diagnostic tests all results must be considered with other clinical information available . A definite clinical diagnosis should only be made after all clinical and laboratory findings have been evaluated.

This test kit cannot detect less than 1 ng/mL of HBsAg in specimens. If the test result is negative and clinical symptoms persist additional follow -up testing using other clinical methods is suggested. A negative results at any time does not preclude the possibility of Hepatitis B infection.

**** Report Completed****



DR. SHIKHA VYAS
D.C.P (Path.)
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BILLNO	5735	REF. DOCTOR	C/O. BOB
PATIENT NAME	MR. ANKIT KUMAR	AGE	32 Year 0 Month
REGNo Mo	NO	SEX	M
		PRINT DATE:	24/02/2023 4:20:24PM

TEST	VALUE	UNIT	NORMAL VALUE
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URINE ROUTINE MICROSCOPIC

PHYSICAL EXAMINATION

QUANTITY	20	ml
COLOUR	PALE YELLOW	
TRANSPARENCY	SLIGHT TURBID	
SPECIFIC GRAVITY	1.015	
pH	6.0	

CHEMICAL EXAMINATION

ALBUMIN	NIL
REDUCING SUGAR	NIL
BILE SALTS	NIL
BILE PIGMENT	NIL
KETONE	NIL

MICROSCOPIC EXAMINATION

PUS CELLS	5-6	/HPF	2 - 3
EPITHELIAL CELLS	3-4	/HPF	2 - 3
RBCs	1-2	/HPF	2 - 3
CRYSTALS	NIL		
CASTS	NIL		
BACTERIA	NIL		
OTHERS	NIL		



Shikha
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DCP(PATH)
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भारत सरकार
Government of India

अंकित कुमार
Ankit Kumar
जन्म तिथि / DOB : 23/12/1989
पुरुष / Male

2441 6384 3844

मेरा आधार, मेरी पहचान



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