

BPL

ID : 20230310073010

Name : prabhat kuma

Sex : Male

Age : 26

HR : 54

R-R : 1159

P-R : 182

QRS : 86

QT/QTc : 394/376

P/ORS/T : 174/142/141

RV5/SV1 : 0.405/-1.312 mV

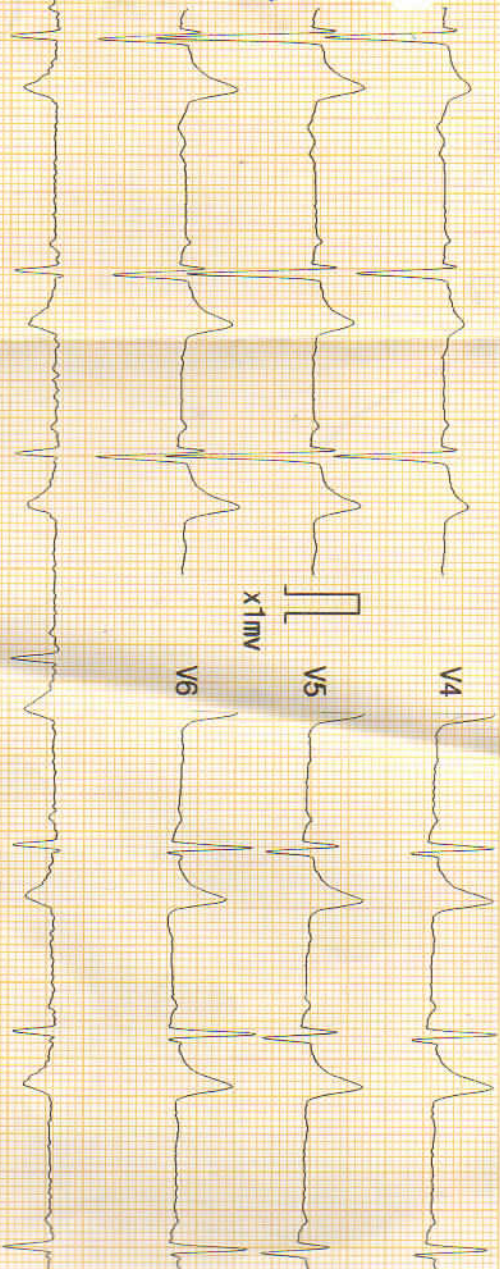
RV5+SV1 : -0.907

QTcF : 0.339

166: Whether Four Limbs Leads Are Inve  
172: Marginal ECG

Reference Report Confirmed by:

03-10-2023 07:30:30



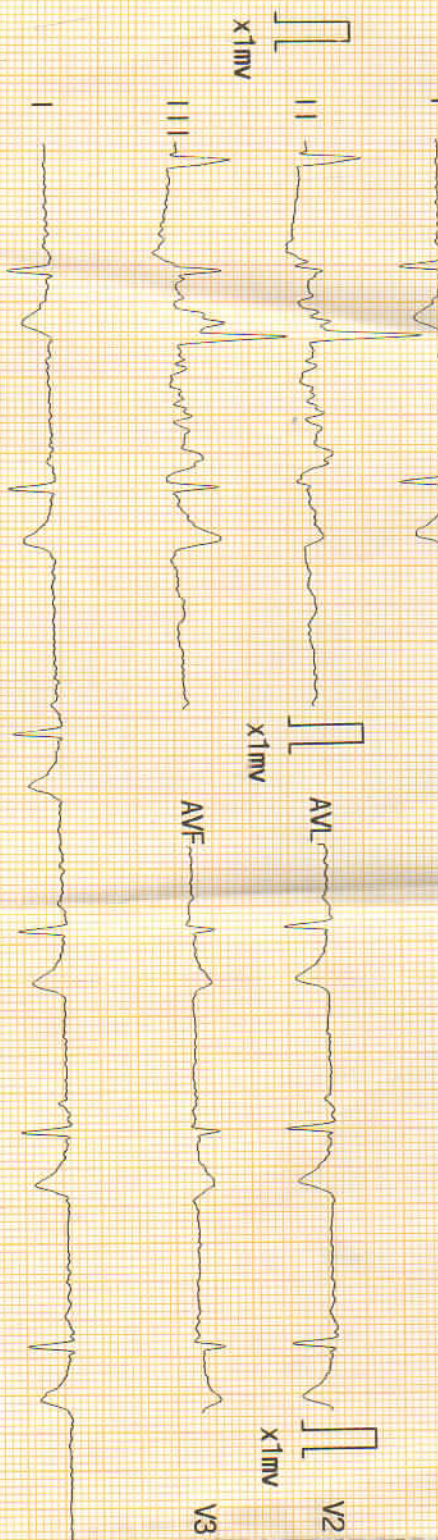
ID: 20230310073010 Name: prabhat kuma 25mm/s 0.5~25Hz AC: 50Hz 10mm/mv

AVR

x1mv

x1mv

x1mv



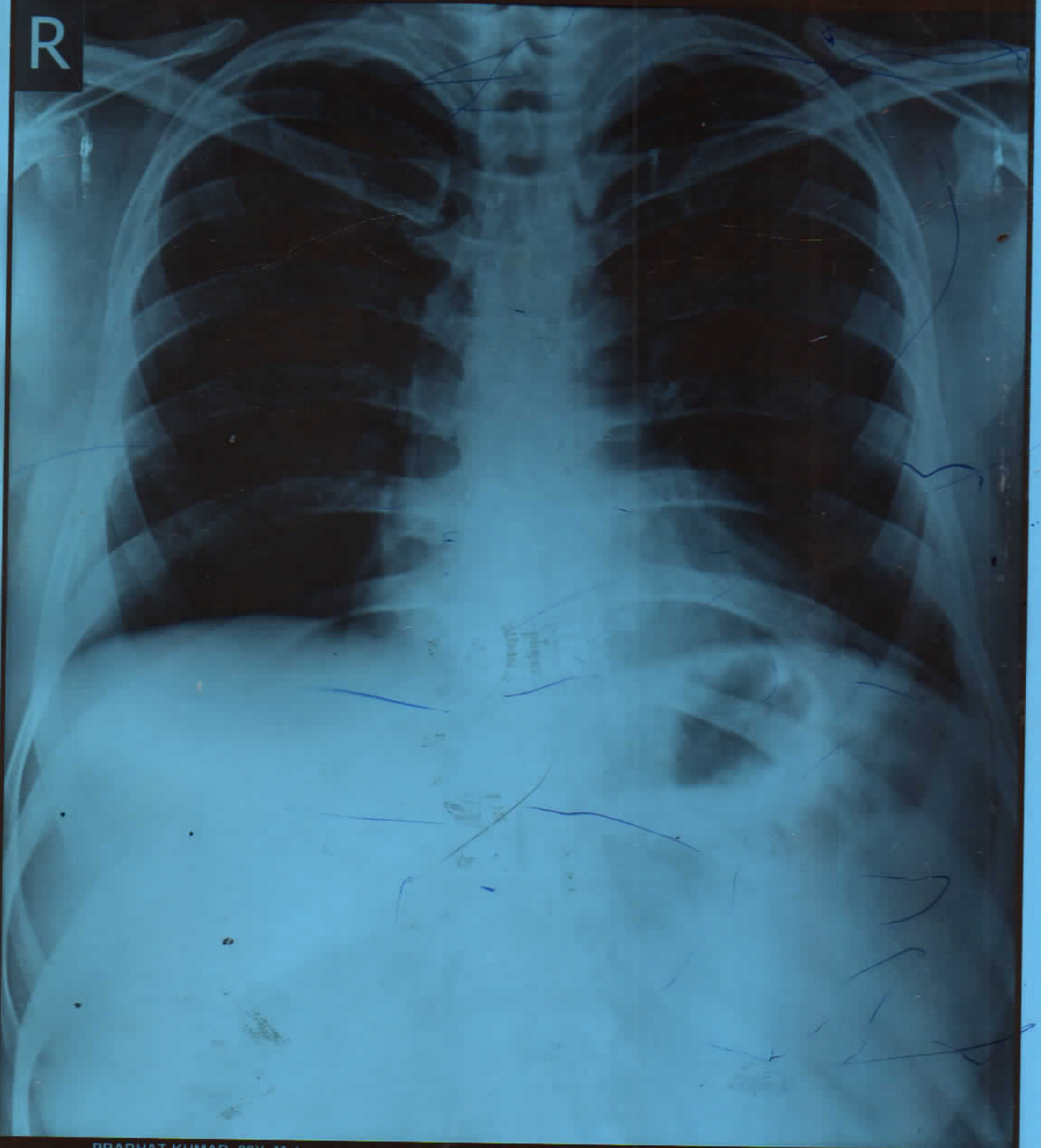
Organization: \_\_\_\_\_

Doctor: \_\_\_\_\_

CARDIART



R



PRABHAT KUMAR 26Y Male

Chest PA

BHARTI HOSPITAL SONKH ROAD, KRISHNA NAGAR MATHURA.

10/03/2023 10:31:07





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# 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	10/03/2023	Srl No.	105	Sex	M
Name	MR. PRABHAT KUMAR	Age	29 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O.BOB				

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

HAEMOGLOBIN (HB)	13.2	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTIC COUNT (TLC)	7,500	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	58	%	40 - 80
LYMPHOCYTE	35	%	20 - 40
EOSINOPHIL	04	%	1 - 6
MONOCYTE	03	%	2 - 10
BASOPHIL	00	%	1 - 2
R B C	4.60	millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.8	%	40.0 - 50.0
M C V	90.9	fl.	82.0 - 101.0
M C H	28.7	picogram	27.0 - 32.0
M C H C	31.6	gm/dl	31.5 - 34.5
PLATELET COUNT	125	$\times 10^3/\mu\text{L}$	150 - 450
MEAN PLATELET VOLUME	11.3	fl	7.5 - 11.5
RDW-CV	14.9	%	11.5 - 14.5
ERYTHROCYTE SED.RATE(WGN) Automated Mini ESR	12	mm/1st hr.	0.00 - 15.0
BLOOD GROUP ABO	" O "		
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)	5.20	%	
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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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METHOD : HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. ( HPLC )  
( BIO-RAD DIASTAT )

**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)	102.02	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	MR. PRABHAT KUMAR	Age	29 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O.BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
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**BIOCHEMISTRY - TEST REPORT**

BLOOD SUGAR FASTING	81.5	mg/dl	
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**REFERENCE RANGE :**

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

CREATININE	0.73	mg/dl	0.70 - 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	6.50	mg/dl	3.4 - 7.20
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**LIPID PROFILE**

SERUM CHOLESTEROL	168.7	mg/dl	
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Optimal	< 200	mg/dl
Border Line High Risk	200 - 239	mg/dl
High Risk	> 240	mg/dl

TRIGLYCERIDES	154.2	mg/dl	
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Optimal	< 150	mg/dl
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Contd...4



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Name	MR. PRABHAT KUMAR	Age	29 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O.BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
--------------------	--------------	------	----------------------

Border Line High Risk	150 - 199	mg/dl
High Risk	200 - 499	mg/dl
Very High Risk	> 500	mg/dl

H D L CHOLESTEROL( direct ) **56.3**

	Male		Female
Optimal>	55	mg/dl	> 65 mg/dl
Border Line High Risk	35 - 55	mg/dl	45 - 65 mg/dl
High Risk	< 35	mg/dl	< 45 mg/dl

L D L CHOLESTEROL ( DIRECT ) **81.56** mg/dl

Optimal	<100	mg/dl
Near or Above Optimal	100 - 129	mg/dl
Border Line High Risk	130 - 159	mg/dl
High Risk	160 - 189	mg/dl
Very High Risk	> 190	mg/dl

V L D L **30.84** mg/dl **25.0 - 40.0**

SERUM CHOLESTEROL/HDL RATIO **2.996**

LDL / HDL CHOLESTEROL RATIO **1.449** **0.00 - 3.55**

### R.O. risk factor

Risk Factor of Coronary Heart Disease.

Positive Risk Factors

1. Age - Males >45 Yrs.

Females >55 Yrs. or premature menopause without estrogen replacement therapy.

2. Family history of premature coronary heart disease.

3. Cigarette smoking.

4. Hypertension (>140/90 mm Hg or on antihypertensive medication)

5. Low HDL Cholesterol <30 mg/dl

6. Diabetes mellitus

Negative Risk Factor

1. High HDL Cholesterol >60 mg/dl



Contd...5

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Date	10/03/2023	Srl No.	105	Sex	M
Name	MR. PRABHAT KUMAR	Age	29 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O.BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
--------------------	--------------	------	----------------------

### BIOCHEMISTRY - TEST REPORT

#### L.F.T / LIVER FUNCTION TEST

TOTAL BILIRUBIN	0.78	mg/dl	0.20 - 1.00
<u>Reference range</u>			

Reference range according to Thomas  
Total bilirubin : up to 1.1 mg/dl

Reference range according to Sherlock and Meites  
Adults and children : up to 1.0 mg/dl

#### New born

<b>Age of new born</b>	<b>Premature</b>
24 hours	1.0 - 6.0 mg/dl
48 hours	6.0 - 8.0 mg/dl
3 - 5 days	10.0 - 15.0 mg/dl
<b>Age of new born</b>	<b>Full term</b>
24 hours	2.0 - 6.0 mg/dl
48 hours	6.0 - 7.0 mg/dl
3-5 days	4.0 - 12.0 mg/dl

CONJUGATED (D. Bilirubin)	0.35	mg/dl	0.1 - 0.4
UNCONJUGATED (I.D. Bilirubin)	0.43	mg/dl	0.2 - 0.7
TOTAL PROTEINS	6.52	gm/dl	6.0 - 8.2
ALBUMIN	3.69	gm/dl	3.5 - 5.2
GLOBULIN	2.83	gm/dl	2.3 - 3.5
A/G RATIO	1.304	gm/dl	0.8 - 2.0
S.G.O.T (AST)	18.7	U/L	0.0 - 35.0
S.G.P.T (ALT)	24.2	U/L	0.0 - 45.0
ALKALINE PHOSPHATASE OPTIMIZED	85.3	U/L	0 - 0

Expected Values :

Contd...6



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R.NO. 52957/ 17.08.2006

Date	10/03/2023	Srl No.	105	Sex	M
Name	MR. PRABHAT KUMAR	Age	29 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O.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	25.00	U/L	0.80 - 55.0
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### THYROID PROFILE

T3 ,T4 ,TSH			
T3	1.15	ng/ml	0.87 - 1.78

Adults (>15 yrs) : 0.87 - 1.78  
New born : 0.75 - 2.60  
1 - 5 Yrs : 1.00 - 2.60  
5 - 10 Yrs : 0.90 - 2.40  
10 - 15 Yrs : 0.80 - 2.10

T4 ( Thyroxin)	9.74	ug/dl	6.00 - 12.00
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Adults : 6.00 - 12.00  
1 - 3 days : 8.20 - 19.9  
1 week : 6.00 - 15.9  
1 - 12 month : 6.1 - 14.9  
1 - 3 yrs : 6.80 - 13.5  
3 - 10 yrs : 5.50 - 12.8  
>10 Yrs : 6.00 - 12.00

Contd...7



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Name	MR. PRABHAT KUMAR	Age	29 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O.BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
TSH	3.08	μIU/ml	0.25 - 5.50

Test	Reference Group	Age	Reference Range	Unit
TSH		Cord Blood	1.00 - 39.0	μIU/ml
		1-4 Week	1.70 - 9.10	μIU/ml
		1-12 Months	0.80 - 8.20	μIU/ml
		1-5 Years	0.70 - 5.70	μIU/ml
		6-10 Years	0.70 - 5.70	μIU/ml
		11-15 Years	0.70 - 5.70	μIU/ml
		16-20 Years	0.70 - 5.70	μIU/ml

The test has been carried out in Fully Automated Immunoassay System VIDAS using ELFA ( Enzyme Linked Fluorescence Assay) technology.

### IMMUNOLOGY - SEROLOGY TEST REPORT

HUMAN IMMUNO DEFICIENCY VIRUS (HIV) NON REACTIVE

HBsAg NON REACTIVE

Method :- 3<sup>rd</sup> 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.)  
R.NO 52957 / 17.08.2006

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## Bharti Hospital

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Lab No 5992

Print Date 10/03/2023 6:07:33PM

Name MR. PRABHAT KUMAR SONKH ROAD, KRISHNA NAGAR, MATHURA

Sample Date 10/03/2023

Age 29 Sex M

Ref Doctor C/O. BOB

Mob No: NO

Test	Result	MinValue	MaxValue	Unit
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### BIOCHEMISTRY

BUN

11.3

5

27

mg/dl

*Shikha*

DR. SHIKHA VYAS

DCP(PATH)

R.No.52957/17.08.2006



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SONKH ROAD, KRISHNA NAGAR, MATHURA

BILLNO	5952	REF. DOCTOR	C/O. BOB
PATIENT NAME	MR. PRABHAT KUMAR	AGE	29 Year 0 Month
REGNo Mo	NO	SEX	M
		PRINT DATE:	10/03/2023 5:57:59PM

TEST	VALUE	UNIT	NORMAL VALUE
------	-------	------	--------------

### URINE ROUTINE MICROSCOPIC

#### PHYSICAL EXAMINATION

QUANTITY	20	ml
COLOUR	PALE YELLOW	
TRANSPARENCY	SLIGHT TURBID	
SPECIFIC GRAVITY	1.030	
pH	ACIDIC	

#### CHEMICAL EXAMINATION

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

#### MICROSCOPIC EXAMINATION

PUS CELLS	7-8	/HPF	2 - 3
EPITHELIAL CELLS	3-4	/HPF	2 - 3
RBCs	0-1	/HPF	2 - 3
CRYSTALS	NIL		
CASTS	NIL		
BACTERIA	NIL		
OTHERS	NIL		



*Shikha*

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