



# URMILA HEART & MULTI SPECIALITY HOSPITAL

## Address

Naya Tola, Opp. Polytechnic  
Muzaffarpur  
Ph.: 0621-2222211  
0621-2268042  
Mob.: 9661179794  
9471013402

## PATHOLOGY REPORT

Name:- Mr. Vikash Kumar	Age :38Y/M	Date :-24/02/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No 169106)	Serial Number :- 0244

TEST	CBC (Complete Blood Count)		Reference Values
	RESULT	UNIT	
Hb (Haemoglobin)	14.5	gm/dl	12 - 17
Total Leukocyte Count	7,400	/Cumm.	4000 - 11000
RBC Count	5.06	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	43.0	%	30 - 50
Platelet Count	1.66	Lakhs/c.mm	1.5 - 4.5
MCV	85.0	fl	80 - 100
MCH	27.1	pg	26 - 34
MCHC	31.9	gm/dl	31.5 - 35
<b>Differential Leukocyte Count</b>			
Neutrophil	55	%	40 - 70
Lymphocyte	35	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	08	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	14	mm/1 <sup>st</sup> hr.	00 - 20

\*\*\*end of report\*\*\*

Signature





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### KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Urea	27.0	mg/dl	13 - 45
S. Creatinine	1.08	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	12.60	mg/dl	6.0 - 21
S. Sodium (Na <sup>+</sup> )	140.3	mmol/ltr	135 - 150
S. Potassium(K <sup>+</sup> )	3.98	mmol/ltr	3.5 - 5.5
S. Chloride(Cl <sup>-</sup> )	101.3	mmol/ltr	94 - 110
S. Calcium	9.30	mg/dl	8.7 - 11.0
S. Uric Acid	3.90	mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

### BLOOD GROUPING

Grouping (ABO)	:	"O" Group
Rh Typing	:	Positive.

\*\*\*end of report\*\*\*

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### LFT (Liver Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>	
S. Total Bilirubin	0.90	mg/dl	Adults: 0.1 - 1.2	Infants: 1.2 - 12
S. SGPT (ALT)	30.0	U/L	05	- 40
S. SGOT (AST)	35.0	U/L	05	- 40
S.GGT	39.0	U/L	05	- 45
S. Alkaline Phosphatase	103.5	U/L	Adult -- 25 - 140	Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	6.95	g/dl	6.0	- 8.3
S. Albumin	3.89	g/dl	3.2	- 5.0
S. Globulin	3.06	g/dl	2.8	- 4.5
S. A/G Ratio	1.27			

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### Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>	
S. Cholesterol	197.0	mg/dl	130	- 200
S. Triglycerides	135.0	mg/dl	Fasting: 25	- 160
S. VLDL-Cholesterol	27.0	mg/dl	10	- 40
S. HDL-Cholesterol	50.0	mg/dl	Male: 30	- 65
			Female: 35	- 80
S. LDL-Cholesterol	120.0	mg/dl	60	- 150
Ratio of Cholesterol/HDL	3.94		Low Risk: <3.0	
			Average Risk: 03	- 5.0
			High Risk: >5.0	
LDL/HDL Ratio	2.40		1.5	- 3.5

### BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>	
P. Glucose Fasting	240.0	mg/dl	70	- 110
P. Glucose-Post Prandial (after 1.30hrs meal)	410.0	mg/dl	80	- 160

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**PATHOLOGY REPORT**

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**GLYCOSYLATED HEMOGLOBIN**

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	9.9	%

Mean Blood Glucose level (MBG) – 285.33 mg/dl

**Normal Reference Values**

Normal	:	< 8.0 %
Good Control	:	8.0 - 9.0 %
Fair Control	:	9.0 - 10.0 %
Poor Control	:	> 10.0 %

**Summary :-** Glycosylated hemoglobin (GHb) reflects the average blood glucose concentration over the preceding several weeks & a sudden fall from high to low glucose concentration will not produce a correspondingly rapid fall in glycosylated hemoglobin. Thus GHb reflects the metabolic control of glucose level over a period of time, unaffected by diet, insulin, other drugs or exercise on the day of testing. GHb is now widely recognized as an important test for the diagnosis of diabetes mellitus and is a good indicator of the efficacy of therapy.

\*\*\*end of report\*\*\*

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TEST NAME	METHOD	VALUE	UNITS	NORMAL RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	121.0	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	6.12	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	3.83	µIU/mL	(0.3 - 5.5)

**Technology :**

T3 - Competitive Chemi Luminescent Immuno Assay

T4 - Competitive Chemi Luminescent Immuno Assay

TSH - Ultra Sensitive Sandwish Competitive Chemi Luminescent Immuno Assay

**REMARK :**

THYROID HORMONES -Serum TSH is primarily responsible for the synthesis and release of Thyroid hormones is an early and sensitive indicator of decrease in thyroid reserve is the diagnostic of primary hypothyroidism.The expeted increase in TSH demonstrate the classical feedback mechanism between pituitary and thyroid gland.Additionally TSH measurement is equally important in differentiating secondary and tertiary(hypothalamic) hypothyroidism.The increase in total T4 and T3 is associated with pregnancy,oral contraceptive and estrogen therapy results into masking of abnormal thyroid function only because of alteration of TBG concentration,which can be monitored by calculating Free Thyroxine Index(FTI) or Thyroid Hormone Binding Ratio(THBR).a  
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### Urine Routine And Microscopy

<u>TEST</u>	<u>RESULTS</u>
<b>Physical Examination</b>	
Volume	20 ml
Colour	Straw
Specific Gravity	1.015
Appearance	Clear
pH	6.0
(Acidic)	
<b>Chemical Examination</b>	
Protein	Nil
Sugar	Present(++++)
Bile Salts	N/D
Bile Pigments	N/D
<b>Microscopic Examination</b>	
Pus Cells	1-2 /hpf
Red Blood Cells	Nil /hpf
Epithelial Cells	Present (+)
Crystal/Cast	Nil
Other	Nil
***end of report***	

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NAME :- VIKAS KUMAR.  
REFD.BY:- DR. /SELF.

DATE :- 25/02/2024  
SEX:- M

Thanks for the kind referral.  
USG of Whole Abdomen

Liver:- **Liver is enlarged in size [15.58 cm] and shows fatty infiltration.**  
GB:- Normal distention. No evidence of calculus ,sludge ,or mass lesion seen.  
C.B.D:- C.B.D. is normal in caliber.  
Pancreas:- Pancreas normal in size shape and echo texture.  
Spleen:- Normal in shape, size & contour . {09.13cm}.  
Kidneys:- Rt. Kidney :- 10.76 x 3.69 cm Lt. Kidney :- 10.54 x 4.34 cm  
Both kidneys are normal in shape, size, contour, cortical  
echo texture, and sinus echoes. No evidence of calculus,  
calcification, hydronephrotic changes or mass lesion seen.  
UB:- Urinary bladder is smoothly outlined. There is no calculus within.  
prostate:- The prostate is normal in size .Weight:- 20.9grms.  
Free fluid:- No free fluid is noted in the peritoneal cavity.  
Other :- Few fecal gas seen in abdominal cavity .

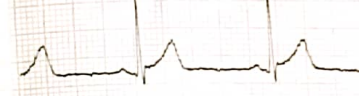
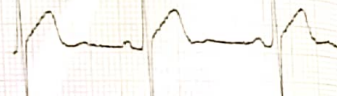
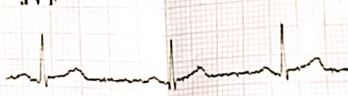
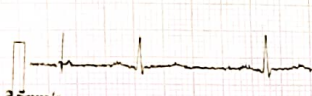
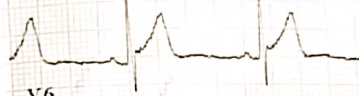
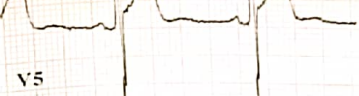
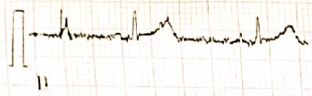
**IMPRESSION :- Hepatomegaly with fatty liver. Grade:-I**

  
(sonologist)



10mm/15-75Hz AC50

08-06-2005 07:31:04



25mm/s

V2.47

ID : 050608-0794  
 Name :  
 Age : 38 yr  
 Sex : Male  
 BP : mmHg  
 Height : cm  
 Weight : kg

Vikas Kumar

Minnesota Code:  
 9-2-2(V6)  
 9-4-1(V3)

HR : 69 bpm  
 P Dur : 102 ms  
 PR int : 145 ms  
 QRS Dur : 69 ms  
 QT/QTc int : 340/365 ms  
 P/QRS/T axis : 66/59/42 °  
 RV5/SV1 amp : 1.771/0.231 mV  
 RV5+SV1 amp : 2.002 mV  
 RV6/SV2 amp : 1.421/0.352 mV

Diagnosis Information:  
 800: Sinus Rhythm  
 \*\*\*Normal ECG\*\*\*

Report Confirmed by:

R

