



# URMILA HEART & MULTI SPECIALITY HOSPITAL

## Address

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

## PATHOLOGY REPORT

Name:- Mrs. Mlnu Kumari	Age :32Y/F	Date :-21/02/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No89338)	Serial Number :- 0211

TEST	CBC (Complete Blood Count)		Reference Values
	RESULT	UNIT	
Hb (Haemoglobin)	11.0	gm/dl	12 - 17
Total Leukocyte Count	7,100	/Cumm.	4000 - 11000
RBC Count	4.57	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	35.5	%	30 - 50
Platelet Count	1.38	Lakhs/c.mm	1.5 - 4.5
MCV	80.1	fl	80 - 100
MCH	26.3	pg	26 - 34
MCHC	31.8	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	24	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	24.0	mg/dl	13 - 45
S. Creatinine	0.80	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	11.20	mg/dl	6.0 - 21
S. Sodium (Na <sup>+</sup> )	143.5	mmol/ltr	135 - 150
S. Potassium(K <sup>+</sup> )	4.08	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	3.76	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	0.84	mg/dl	Adults: 0.1	-	1.2
			Infants: 1.2	-	12
S. SGPT (ALT)	49.0	U/L	05	-	40
S. SGOT (AST)	45.0	U/L	05	-	40
S.GGT	47.0	U/L	05	-	45
S. Alkaline Phosphatase	90.4	U/L	Adult -- 25	-	140
			Children (1 – 12 yrs.) -- 104	-	390
S. Total Protein	7.05	g/dl	6.0	-	8.3
S. Albumin	3.93	g/dl	3.2	-	5.0
S. Globulin	3.12	g/dl	2.8	-	4.5
S. A/G Ratio	1.25				

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### Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	190.0	mg/dl	130 - 200
S. Triglycerides	110.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	22.0	mg/dl	10 - 40
S. HDL-Cholesterol	47.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	121.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	4.04		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.57		1.5 - 3.5

### BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	98.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1.30hrs meal)	155.0	mg/dl	80 - 160

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### GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	-	4.31 %

Mean Blood Glucose level (MBG) – 94.8 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	138.0	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	8.12	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	2.10	µIU/mL	(0.3 - 5.5)

### Technology :

T3 - Competitive Chemi Luminescent Immuno Assay

T4 - Competitive Chemi Luminescent Immuno Assay

TSH - Ultra Sensitive Sandwich 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 expected 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).  
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### Urine Routine And Microscopy

#### TEST

#### Physical Examination

Volume

Colour

Specific Gravity

Appearance

pH

(Acidic)

#### Chemical Examination

Protein

Sugar

Bile Salts

Bile Pigments

#### Microscopic Examination

Pus Cells

Red Blood Cells

Epithelial Cells

Crystal/Cast

Other

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

#### RESULTS

20 ml

Light Yellow

1.020

Clear

7.0

Nil

Nil

N/D

N/D

2-3 /hpf

Nil /hpf

Present (+)

Nil

Nil

Signature



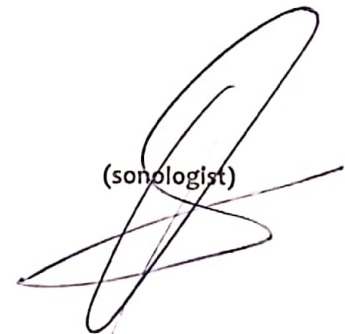
**NAME :- MINU KUMARI.**  
**REFD.BY:- DR./SELF.**

**DATE :- 21/02/2024**  
**SEX:- F**

**Thanks for the kind referral.**  
**USG of Whole Abdomen**

**Liver:-** Liver is enlarged in size [15.56 cm] and shows fatty infiltration.  
**GB:-** Normal distention. Walls are not thickened (3.0 mm) . 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:-** Enlarged in shape, size & contour . (bipolar length is 14.25 cm).  
**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. An echogenic bright echoge measuring about 0.73 and 0.62cm seen in both kidneys.  
**UB:-** Urinary bladder is smoothly outlined. There is no calculus within.  
**Uterus:-** Uterus measures 10.3 x 5.33 x 5.51 cm.  
Uterus is enlarged in size A hyperechoic bright echogenic echoge measuring 4.51 x 4.20 cm seen .  
**Adnexa:-** B/L ovary are normal  
**Free fluid:-** No free fluid is noted in the peritoneal cavity.  
**Other:-** Few fecal gas in abdominal cavity.

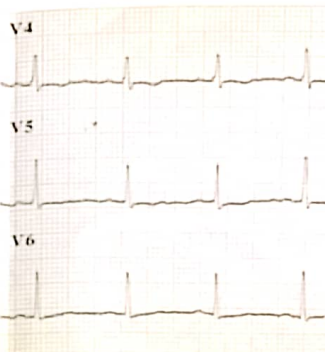
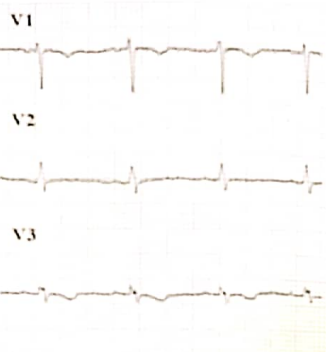
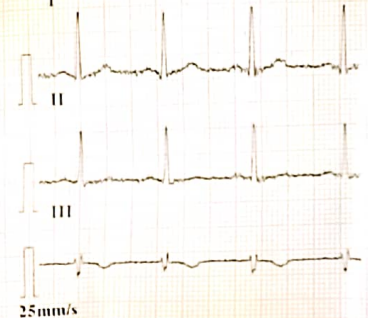
**Impression :-** Hepatomegaly with fatty liver.  
Splenomegaly.  
B/L renal calculus.  
Bulky uterus with fibroid .

  
(sonologist)



10mm/mV 0.5-75Hz AC50

08-06-2005 07:51:21



ID : 050608-0792  
 Name :  
 Age : 31 yr  
 Sex : Female  
 BP : mmHg  
 Height : cm  
 Weight : kg

Minnesota Code:  
 4-3-1(V4)  
 5-2-2(V3) *Mina Kumari*  
 5-5-0(II)  
 9-1-2(V1,V2,V3,V4,V5,V6)  
 9-4-1(V3)

HR : 87 bpm  
 P Dur : 102 ms  
 PR int : 148 ms  
 QRS Dur : 83 ms  
 QT/QTc int : 319/385 ms  
 P/QRS/T axis : 22/24/-14 °  
 RV5/SV1 amp : 0.805/0.816 mV  
 RV5+SV1 amp : 1.621 mV  
 RV6/SV2 amp : 0.861/0.216 mV

Diagnosis Information:  
 800: Sinus Rhythm  
 021: Inverted T Wave(V3)  
 132: Low Voltage(Chest Leads)

Report Confirmed by:

R

