



# URMILA HEART

## & MULTI SPECIALITY HOSPITAL

**Address**

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

### PATHOLOGY REPORT

Name:- Mrs. Nidhi Kumari	Age :28Y/F	Date :-24/02/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No 115209)	Serial Number :- 0246

#### CBC (Complete Blood Count)

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
Hb (Haemoglobin)	11.0	gm/dl	12 - 17
Total Leukocyte Count	6,400	/Cumm.	4000 - 11000
RBC Count	3.97	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	32.7	%	30 - 50
Platelet Count	1.78	Lakhs/c.mm	1.5 - 4.5
MCV	82.4	fl	80 - 100
MCH	26.0	pg	26 - 34
MCHC	31.8	gm/dl	31.5 - 35
<b>Differential Leukocyte Count</b>			
Neutrophil	55	%	40 - 70
Lymphocyte	38	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	05	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	24	mm/1 <sup>st</sup> hr.	00 - 20

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

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### KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Urea	22.0	mg/dl	13 - 45
S. Creatinine	0.75	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	10.27	mg/dl	6.0 - 21
S. Sodium (Na <sup>+</sup> )	144.3	mmol/ltr	135 - 150
S. Potassium(K <sup>+</sup> )	3.90	mmol/ltr	3.5 - 5.5
S. Chloride(Cl <sup>-</sup> )	103.8	mmol/ltr	94 - 110
S. Calcium	9.25	mg/dl	8.7 - 11.0
S. Uric Acid	4.12	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	0.88	mg/dl	Adults: 0.1	-	1.2
			Infants: 1.2	-	12
S. SGPT (ALT)	28.0	U/L	05	-	40
S. SGOT (AST)	34.0	U/L	05	-	40
S.GGT	37.0	U/L	05	-	45
S. Alkaline Phosphatase	98.3	U/L	Adult – 25	-	140
			Children (1 – 12 yrs.) – 104	-	390
S. Total Protein	7.11	g/dl	6.0	-	8.3
S. Albumin	4.09	g/dl	3.2	-	5.0
S. Globulin	3.02	g/dl	2.8	-	4.5
S. A/G Ratio	1.35				

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**Lipid Profile – serum**

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	185.0	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	48.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	115.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.85		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.39		1.5 - 3.5

**BIOCHEMISTRY**

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	90.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1.30hrs meal)	112.0	mg/dl	80 - 160

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### GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	-	4.41 %

Mean Blood Glucose level (MBG) – 98.9 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	7.10	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	2.63	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).a  
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**Urine Routine And Microscopy**

<b><u>TEST</u></b>	<b><u>RESULTS</u></b>
<b>Physical Examination</b>	
Volume	20 ml
Colour	Straw
Specific Gravity	1.020
Appearance	Clear
pH	6.5
(Acidic)	
<b>Chemical Examination</b>	
Protein	Nil
Sugar	Nil
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 :- NIDHI KUMARI .**  
**REFD.BY:- DR./SELF.**

**DATE :- 25/02/2024**  
**SEX:- F**

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

**Liver:-** Liver is normal in size [11.79 cm] and shows normal echotexture. No focal lesion is seen. I.H.B.R. are not dilated.

**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:-** Normal in shape, size & contour . (bipolar length is 08.81cm).

**Kidneys:-** 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.

**Uterus:-** Uterus measures 9.55 x 3.22 x 3.39 cm.  
Uterus is enlarged in size and minimal collection seen in endometrium cavity.

**Adnexa:-** B/L ovaries are normal shape in size.

**Free fluid:-** No free fluid is noted in the peritoneal cavity.

**IMPRESSION :- Bulky uterus with endometrium collection.**

(sonologist)





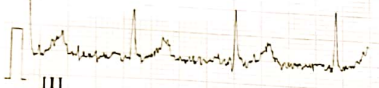
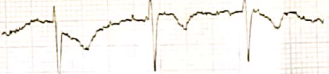
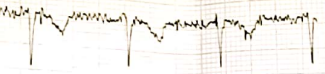
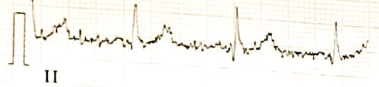
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aVR

V1

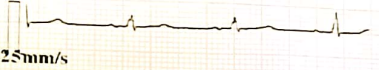
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aVL

V2

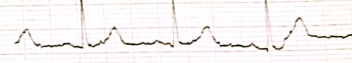
V5



aVF

V3

V6



25mm/s

V2.47

ID : 050608-0921  
 Name : *Melanie*  
 Age : 28 yr  
 Sex : Female  
 BP : mmHg  
 Height : cm  
 Weight : kg

HR : 82 bpm  
 P Dur : 95 ms  
 PR int : 130 ms  
 QRS Dur : 101 ms  
 QT/QTc int : 350/411 ms  
 P/QRS/T axis : 33/45/40 °  
 RV5/SV1 amp : 1.365/1.058 mV  
 RV5+SV1 amp : 2.425 mV  
 RV6/SV2 amp : 1.194/1.036 mV

Minnesota Code: 9-8-3

Diagnosis Information: 113: Lead O11

Report Confirmed by:



R



28 Female 69.4 %  
24-02-24 2:55:05 PM DR. A K. SINGH  
TOLA MUZAFFARPUR