



URMILA HEART
& MULTI SPECIALITY HOSPITAL
PATHOLOGY REPORT

Address

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

Name:- Mrs.Muskan	Age :32Y/F	Date :-17/11/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No109450)	Serial Number :- 0171

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	12,300	/Cumm.	4000 - 11000
RBC Count	4.38	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	36.4	%	30 - 50
Platelet Count	2.00	Lakhs/c.mm	1.5 - 4.5
MCV	83.1	fl	80 - 100
MCH	23.7	pg	26 - 34
MCHC	28.6	gm/dl	31.5 - 35
Differential Leukocyte Count			
Neutrophil	90	%	40 - 70
Lymphocyte	06	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	02	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	40	mm/1 st hr.	00 - 20

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KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT UNIT</u>	<u>Reference Values</u>
S. Urea	23.0 mg/dl	13 - 45
S. Creatinine	0.81 mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	10.74 mg/dl	6.0 - 21
S. Sodium (Na ⁺)	139.4 mmol/ltr	135 - 150
S. Potassium(K ⁺)	4.52 mmol/ltr	3.5 - 5.5
S. Chloride(Cl ⁻)	108.6 mmol/ltr	94 - 110
S. Calcium	9.26 mg/dl	8.7 - 11.0
S. Uric Acid	4.15 mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

BLOOD GROUPING

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

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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	0.86	mg/dl	Adults: 0.1 - 1.2 Infants: 1.2 - 12
S. SGPT (ALT)	29.0	U/L	05 - 40
S. SGOT (AST)	32.0	U/L	05 - 40
S. Alkaline Phosphatase	83.4	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	7.12	g/dl	6.0 - 8.3
S. Albumin	4.04	g/dl	3.2 - 5.0
S. Globulin	3.08	g/dl	2.8 - 4.5
S. A/G Ratio	1.31		

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Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	174.0	mg/dl	130 - 200
S. Triglycerides	105.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	21.0	mg/dl	10 - 40
S. HDL-Cholesterol	46.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	107.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.78		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.32		1.5 - 3.5

BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	72.0	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	3.40	%

Mean Blood Glucose level (MBG) – 85.06 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.

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TEST NAME	METHOD	VALUE	UNITS	NORMAL RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	110.0	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	4.06	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	2.18	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

TEST

RESULTS

Physical Examination

Volume 20 ml
Colour Straw
Specific Gravity 1.015
Appearance Clear
pH 6.5

(Acidic)

Chemical Examination

Protein Nil
Sugar Nil
Bile Salts N/D
Bile Pigments N/D

Microscopic Examination

Pus Cells 2-3 /hpf
Red Blood Cells Nil /hpf
Epithelial Cells Present (+)
Crystal/Cast Nil
Other Nil

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Stool Routine And Microscopy

TEST

RESULTS

Physical Examination

Colour	Blankish
Consistency	Semi Solid
Mucus	Nil
Blood	Nil

Chemical Examination

pH	Acidic
Reducing Sugar	Nil
Occult Blood	N/D

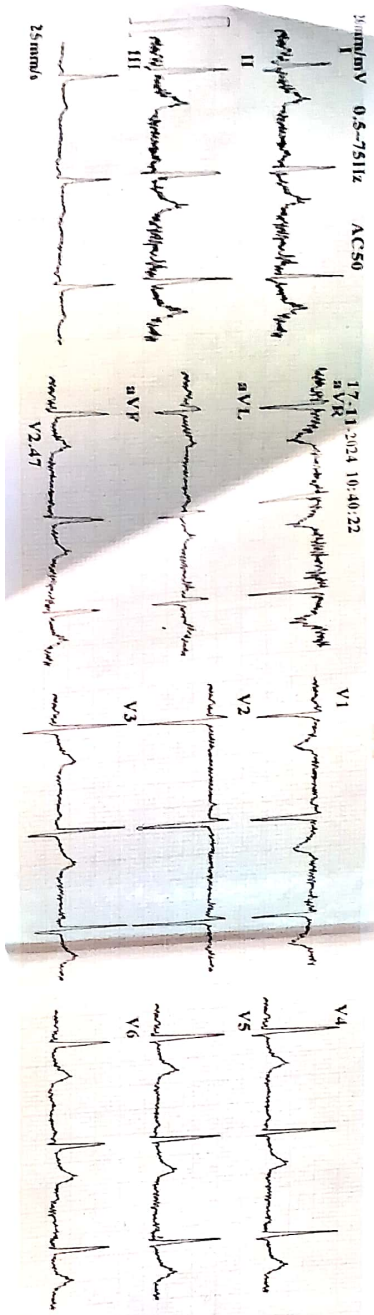
Microscopic Examination

Pus Cells	3-5 /hpf
Red Blood Cells	Nil /hpf
OVA/Cyst	A Lumbricoides
Parasites	Nil

end of report

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ID : 241117-1040
 Name : [REDACTED]
 Age : 32 yr
 Sex : M
 Ht : 178 cm
 Wt : 71 kg
 HR : 71 bpm
 P Dur : 118 ms
 PR Int : 158 ms
 QRS Dur : 92 ms
 QT/QTc Int : 377/412 ms
 P/QRS/T axis : 76/5/43 °
 RV5/RSV1 amp : 0.654/0.614 mV
 RV6/RSV2 amp : 0.523/0.745 mV

Minnesota Code:
 9-1-2(V1,V2,V3,V4,V5,V6)
 9-4-1(V3)

Diagnosis Information:
 800: Sinus Rhythm
 I32: Low Voltage(Chest Leads)

Report Confirmed by:





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Name :- Muskan.
Refd.By:- Dr./Self.

Date :- 17/11/2024
Sex:- F

Thanks for the kind referral.
USG of Whole Abdomen

- Liver:-** Liver is normal in size [138.6mm] with homogenous coarse echo texture. No focal lesion seen or Intrahepatic ducts dilation seen. Movements of both domes of diaphragm appears normal
- GB:-** Normal distention. Walls are not thickened. No evidence of calculus, sludge, or mass lesion seen.
- C.B.D:-** C.B.D. is normal in calibre.
- Pancreas:-** Pancreas normal in size shape and echotexture.
- Spleen:-** Normal in shape, size & contour. (bipolar length is 106.2 mm).
- Kidneys:-** Both kidney are normal in shape, size, contour, cortical echo texture, and sinus echoes. No evidence of calculus, calcification, hydronephrotic changes or mass lesion seen.
- Urinary bladder:-** Urinary bladder is smoothly outlined. There is no calculus within.
- Uterus:-** Uterus measures 92.1 x 44.5 x 41.2 mm. A/V in position .
Uterus is enlarged in size and normal echotexture.
- Adnexa:-** Both ovary are normal in shape and size, no mass or cyst seen .
- P.O.D.:-** No collection seen.
- Free fluid :-** No free fluid is noted in the peritoneal cavity.

Impression :- Bulky uterus.

