



URMILA HEART & MULTI SPECIALITY HOSPITAL

Address

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

PATHOLOGY REPORT

Name:- Mr. Raju Kumar Das	Age :34Y/M	Date :-24/02/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No 115209)	Serial Number :- 0245

CBC (Complete Blood Count)

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
Hb (Haemoglobin)	12.0	gm/dl	12 - 17
Total Leukocyte Count	7,300	/Cumm.	4000 - 11000
RBC Count	3.83	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	38.1	%	30 - 50
Platelet Count	0.99	Lakhs/c.mm	1.5 - 4.5
MCV	99.5	fl	80 - 100
MCH	30.3	pg	26 - 34
MCHC	31.9	gm/dl	31.5 - 35
Differential Leukocyte Count			
Neutrophil	55	%	40 - 70
Lymphocyte	40	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	03	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	16	mm/1 st hr.	00 - 20

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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	0.97	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	12.60	mg/dl	6.0 - 21
S. Sodium (Na ⁺)	139.4	mmol/ltr	135 - 150
S. Potassium(K ⁺)	4.05	mmol/ltr	3.5 - 5.5
S. Chloride(Cl ⁻)	103.8	mmol/ltr	94 - 110
S. Calcium	9.25	mg/dl	8.7 - 11.0
S. Uric Acid	2.85	mg/dl	Male 3.5 - 7.2 Female 2.5 - 6.2

BLOOD GROUPING

Grouping (ABO)	:	"O" 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	0.70	mg/dl	Adults: 0.1 - 1.2 Infants: 1.2 - 12
S. SGPT (ALT)	44.0	U/L	05 - 40
S. SGOT (AST)	49.0	U/L	05 - 40
S.GGT	51.0	U/L	05 - 45
S. Alkaline Phosphatase	98.4	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	7.08	g/dl	6.0 - 8.3
S. Albumin	4.03	g/dl	3.2 - 5.0
S. Globulin	3.05	g/dl	2.8 - 4.5
S. A/G Ratio	1.32		

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Lipid Profile – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	150.0	mg/dl	130 - 200
S. Triglycerides	80.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	16.0	mg/dl	10 - 40
S. HDL-Cholesterol	44.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	90.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.40		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.04		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)	105.0	mg/dl	80 - 160

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GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	-	4.90 %

Mean Blood Glucose level (MBG) – 108.34 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	7.12	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	3.13	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 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

<u>TEST</u>	<u>RESULTS</u>
Physical Examination	
Volume	20 ml
Colour	Straw
Specific Gravity	1.020
Appearance	Clear
pH	5.0
(Acidic)	
Chemical Examination	
Protein	Nil
Sugar	Nil
Bile Salts	N/D
Bile Pigments	N/D
Microscopic Examination	
Pus Cells	1-2 /hpf
Red Blood Cells	Nil /hpf
Epithelial Cells	Present (+)
Crystal/Cast	Nil
Other	Nil
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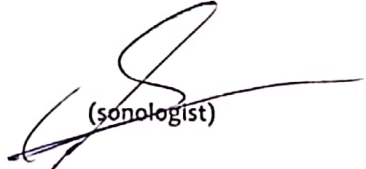
NAME :- RAJU KUMAR DAS.
REFD.BY:- DR. /SELF.

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

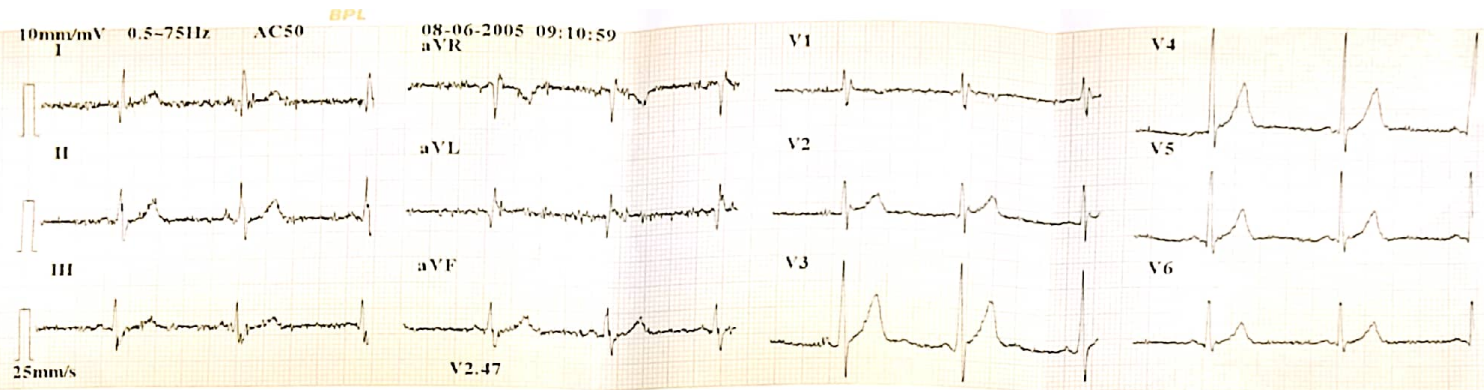
Thanks for the kind referral.
USG of Whole Abdomen

Liver:- Liver is enlarged in size [14.06 cm] and shows normal echotexture.
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:- Enlarged in shape, size & contour . {13.10cm}.
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 :- Hepato-splenomegaly.


(sonologist)





ID : 050608-0911
 Name : *[Signature]*
 Age : 34 yr
 Sex : Male
 BP : mmHg
 Height : cm
 Weight : kg
 HR : 66 bpm
 P Dur : 100 ms
 PR int : 133 ms
 QRS Dur : 92 ms
 QT/QTc int : 361/378 ms
 P/QRS/T axis : 56/14/55 °
 RV5/SV1 amp : 1.302/0.300 mV
 RV5+SV1 amp : 1.602 mV
 RV6/SV2 amp : 0.828/0.330 mV

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

Diagnosis Information:
 800 Sinus Rhythm
 Normal ECG

Report Confirmed by:

R



RAJU KR. DAS
Chest PA

34 Male
24-02-24 2:59:08 PM

69.4 %
DR. A. K. SINGH

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