



URMILA HEART & MULTI SPECIALITY HOSPITAL

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

PATHOLOGY REPORT

Name: Mr. Rajan Kumar	Age: 36Y/M	Date: 09/03/2024
Ref. By: Dr. Bank Of Baroda	(E.C.No 120133)	Serial Number: 091

TEST	CBC (Complete Blood Count)		Reference Values
	RESULT	UNIT	
Hb (Haemoglobin)	13.0	gm/dl	12 - 17
Total Leukocyte Count	8,300	/Cumm.	4000 - 11000
RBC Count	5.42	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	42.5	%	30 - 50
Platelet Count	1.86	Lakhs/c.mm	1.5 - 4.5
MCV	80.0	fl	80 - 100
MCH	26.3	pg	26 - 34
MCHC	31.5	gm/dl	31.5 - 35
Differential Leukocyte Count			
Neutrophil	60	%	40 - 70
Lymphocyte	30	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	08	%	01 - 06
Basophi	00	%	< 1 - 2 %
ESR	14	mm/1 st 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	0.92	mg/dl	Male 0.7	-	1.4
			Female 0.6	-	1.2
S. BUN	11.20	mg/dl	6.0	-	21
S. Sodium (Na ⁺)	144.1	mmol/ltr	135	-	150
S. Potassium(K ⁺)	4.77	mmol/ltr	3.5	-	5.5
S. Chloride(Cl ⁻)	101.4	mmol/ltr	94	-	110
S. Calcium	9.05	mg/dl	8.7	-	11.0
S. Uric Acid	7.05	mg/dl	Male 3.5	-	7.2
			Female 2.5	-	6.2

BLOOD GROUPING

Grouping (ABO)	:	"A" 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	0.80	mg/dl	Adults: 0.1	-	1.2
			Infants: 1.2	-	12
S. SGPT (ALT)	35.0	U/L	05	-	40
S. SGOT (AST)	38.0	U/L	05	-	40
S.GGT	32.0	U/L	05	-	45
S. Alkaline Phosphatase	98.3	U/L	Adult -- 25	-	140
			Children (1 – 12 yrs.) -- 104	-	390
S. Total Protein	7.05	g/dl	6.0	-	8.3
S. Albumin	3.98	g/dl	3.2	-	5.0
S. Globulin	3.07	g/dl	2.8	-	4.5
S. A/G Ratio	1.29				

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Lipid Profile - serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	160.0	mg/dl	130 - 200
S. Triglycerides	90.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	44.0	mg/dl	10 - 40
S. HDL-Cholesterol	18.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	98.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	3.63		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.22		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)	110.0	mg/dl	80 - 160

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GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	4.04	%


Mean Blood Glucose level (MBG) – 95.33 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.

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TEST NAME	METHOD	VALUE	UNITS	NORMAL RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	121.8	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	8.04	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	4.04	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>
Physical Examination	
Volume	20 ml
Colour	Straw
Specific Gravity	1.025
Appearance	Clear
pH	6.0
(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 :- RAJAN KUMAR .
REFD.BY:- DR. /SELF.

DATE :- 09/03/2024
SEX:- M

Thanks for the kind referral.
USG of Whole Abdomen

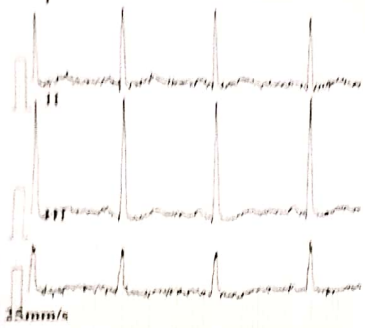
Liver:- **Liver is enlarged in size [16.75cm] and shows fatty infiltration.**
GB:- Normal distention. No evidence of calculus ,sludge ,or mass lesion seen.
C.B.D:- C.B.D. is normal in caliber.
Pancreas:- Pancreas normal in size shape and echo texture.
Spleen:- Normal in shape, size & contour . {9.81cm}.
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.

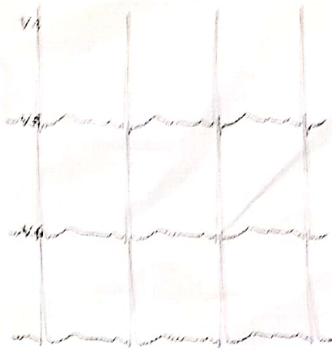
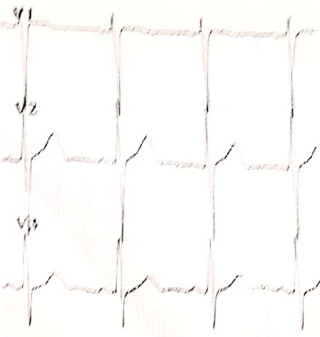
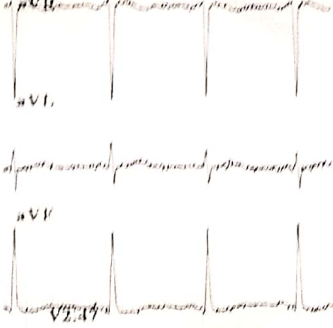
(sonologist)



10mm/mV 0.5=75Hz AC50



08-06-2005 08:18:42



ID: 000002 0000
 Name: [unclear]
 Age: 36 yr
 Sex: Male
 Ref: med/fy
 Height: cm
 Weight: kg
 HR: 92 bpm
 P Dur: 100 ms
 PR Int: 136 ms
 QRS Dur: 87 ms
 QT/QTc Int: 350/326 ms
 QT/QTc Wc: 55/52.5 °
 RV5/SV1 amp: 2.428/1.780 mV
 RV5+SV1 amp: 4.128 mV
 RV6/SV2 amp: 2.194/1.497 mV

Minnesota Code:
 5-0-01, 5-0-02, 5-0-03
 5-0-04, 5-0-05
 5-0-06, 5-0-07

Diagnostic Information:
 240: Sinus Rhythm
 511: Flattened T Wave(s)
 515: Left Ventricular Hypertrophy

Report Confirmed by:

R



RAJAN KUMAR
Chest PA

36 Male
09-03-24 2:12:26 PM

69.4 %
DR. A. K. SINGH

IRMILA HEART & MULTISPECIALITY HOSPITAL, NAYA TOLA MUZAFFARPUR



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