



URMILA HEART & MULTI SPECIALITY HOSPITAL

Address

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

PATHOLOGY REPORT

Name: Mr. Jai Kumar Singh	Age :40Y/M	Date :-31/07/2024
Ref.By :- Dr. Bank Of Baroda(E.C.No168073)		Serial Number :- 0311

TEST	CBC (Complete Blood Count)		Reference Values
	RESULT	UNIT	
Hb (Haemoglobin)	12.0	gm/dl	12 - 17
Total Leukocyte Count	4,100	/Cumm.	4000 - 11000
RBC Count	4.65	Million/Cumm.	3.8 -5.8
PCV / Haematocrit	40.4	%	30 - 50
Platelet Count	1.25	Lakhs/c.mm	1.5 - 4.5
MCV	86.9	fl	80 - 100
MCH	26.2	pg	26 - 34
MCHC	31.8	gm/dl	31.5 - 35
Differential Leukocyte Count			
Neutrophil	40	%	40 - 70
Lymphocyte	50	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	08	%	01 -06
Basophil	00	%	<1 - 2 %
ESR	18	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	26.0	mg/dl	13 - 45
S. Creatinine	0.99	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2
S. BUN	12.14	mg/dl	6.0 - 21
S. Sodium (Na ⁺)	140.0	mmol/ltr	135 - 150
S. Potassium(K ⁺)	4.02	mmol/ltr	3.5 - 5.5
S. Chloride(Cl ⁻)	98.5	mmol/ltr	94 - 110
S. Calcium	9.18	mg/dl	8.7 - 11.0
S. Uric Acid	3.99	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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Name:- Mr. Raju Kumar Singh	Age :40Y/M	Date :-31/07/2024
Ref.By :- Dr. Bank Of Baroda(E.C.No168073)		Serial Number :- 0311

LFT (Liver Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Total Bilirubin	0.77	mg/dl	Adults: 0.1 - 1.2 Infants: 1.2 - 12
S. SGPT (ALT)	38.0	U/L	05 - 40
S. SGOT (AST)	34.0	U/L	05 - 40
S.GGT	36.0	U/L	05 - 45
S. Alkaline Phosphatase	99.3	U/L	Adult -- 25 - 140 Children (1 – 12 yrs.) -- 104 - 390
S. Total Protein	7.10	g/dl	6.0 - 8.3
S. Albumin	4.36	g/dl	3.2 - 5.0
S. Globulin	2.74	g/dl	2.8 - 4.5
S. A/G Ratio	1.59		

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Lipid Profile – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
S. Cholesterol	280.0	mg/dl	130 - 200
S. Triglycerides	195.0	mg/dl	Fasting: 25 - 160
S. VLDL-Cholesterol	39.0	mg/dl	10 - 40
S. HDL-Cholesterol	70.0	mg/dl	Male: 30 - 65 Female: 35 - 80
S. LDL-Cholesterol	171.0	mg/dl	60 - 150
Ratio of Cholesterol/HDL	4.00		Low Risk: <3.0 Average Risk: 03 - 5.0 High Risk: >5.0
LDL/HDL Ratio	2.44		1.5 - 3.5

BIOCHEMISTRY

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>
P. Glucose Fasting	85.0	mg/dl	70 - 110
P. Glucose-Post Prandial (after 1 30hrs meal)	126.0	mg/dl	80 - 160

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TEST NAME	METHOD	VALUE	UNITS	NORMAL RANGE
TOTAL TRIIODOTHYRONINE (T3)	C L I A	118 0	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C L I A	5 02	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C L I A	2 89	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
end of report

Signature



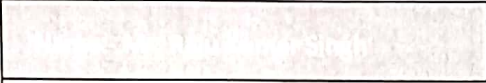


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GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	-	3.90 %

Mean Blood Glucose level (MBG) – 89.01 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

Signature



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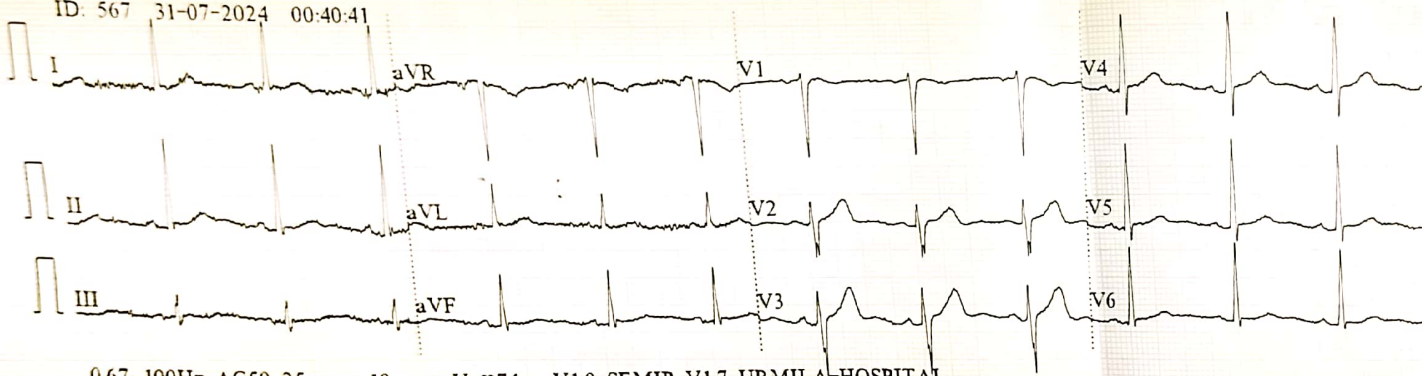
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Urine Routine And Microscopy

<u>TEST</u>	<u>RESULTS</u>
Physical Examination	
Volume	20 ml
Colour	Deep Yellow
Specific Gravity	1.030
Appearance	Clear
pH	6.0
(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
end of report	

Signature

ID: 567 31-07-2024 00:40:41



0.67-100Hz AC50 25mm/s 10mm/mV ♥74 V1.0 SEMIP V1.7 URMILA-HOSPITAL

ID: 567

Diagnosis Information:
Sinus Rhythm
Normal ECG

Male / mmHg
40Years
cm kg

Raju Krishna Singh

HR : 76 bpm
P : 104 ms
PR : 154 ms
QRS : 76 ms
QT/QTc : 359/406 ms
P/QRS/T : 48/36/47 °
RV5/SV1 : 1.54/1.337 mV Report Confirmed by:

Name :- Raju Kumar Singh.
Refd.By:- Dr./Self.

Date :- 31/07/2024
Sex:-M

Thanks for the kind referral.
USG of Whole Abdomen

- Liver: - **Liver is enlarged in size [161.9mm] with fatty infiltration .**
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 91.1 mm).
Kidneys:- Both kidneys are normal in shape, size, contour, cortical echo texture, and sinus echoes. **A hypoechoic cystic area measuring about 22.5x22.4mm at mid pole seen in Lt. kidney.**
UB:- Urinary bladder is smoothly outlined. There is no calculus within.
Prostate :- The prostate is normal in shape and size .
Free fluid:- No free fluid is noted in the peritoneal cavity.

Impression :-**Hepatomegaly with fatty liver. Grade.II.**
Lt. renal cyst.

(sonologist)



RAJU KR. SINGH
Chest PA

40 Male
31-07-24 2:05:12 PM

59.5 %
SELF

