

Sanjay Kumar Lall



बैंक ऑफ बरोडा
Bank of Baroda


नाम
Name

संजय कुमार लाल
Sanjay Kumar Lall

E.C. No.

159168




जारीकर्ता प्राधिकारी
Issuing Authority

Sanjay Kumar Lall
धारक के हस्ताक्षर
Signature of Holder

NAME : Mr. LALL SANJAY KUMAR	MR NO. : 21071765
AGE/SEX : 42 Yrs / Male	VISIT NO. : 137772
REFERRED BY :	DATE OF COLLECTION : 24-07-2021 at 09:40 AM
REF CENTER : MEDIWHEEL	DATE OF REPORT : 24-07-2021 at 06:55 PM



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
COMPLETE BLOOD COUNT (CBC) WITH ESR			
HAEMOGLOBIN <i>Colorimetric Method</i>	14.7 gm/dL	13 - 18 gm/dL	
HEMATOCRIT (PCV) <i>Calculated</i>	45.7 %	40 - 54 %	
RED BLOOD CELL (RBC) COUNT <i>Electrical Impedance</i>	5.0 million/cu.mm	4.5 - 5.9 million/cu.mm	
PLATELET COUNT <i>Electrical Impedance</i>	1.3 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm	
MEAN CELL VOLUME (MCV) <i>Calculated</i>	92.5 fl	80 - 100 fl	
MEAN CORPUSCULAR HEMOGLOBIN (MCH) <i>Calculated</i>	29.9 pg	26 - 34 pg	
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) <i>Calculated</i>	32.3 %	31 - 35 %	
TOTAL WBC COUNT (TC) <i>Electrical Impedance</i>	10540 cells/cumm	4000 - 11000 cells/cumm	
DIFFERENTIAL COUNT			
NEUTROPHILS <i>VCS Technology/Microscopic</i>	58 %	40 - 75 %	
LYMPHOCYTES <i>VCS Technology/Microscopic</i>	36 %	25 - 40 %	
EOSINOPHILS <i>VCS Technology/Microscopic</i>	02 %	0 - 7 %	
MONOCYTES <i>VCS Technology/Microscopic</i>	04 %	1 - 8 %	
BASOPHILS <i>Electrical Impedance</i>	00 %		
ESR <i>Westergren Method</i>	18 mm/hr	0 - 15 mm/hr	

Krishna Murthy



Vamseedhar A

Dr. KRISHNA MURTHY
MD
BIOCHEMIST

Lab Seal

Dr. VAMSEEDHAR.A
D.C.P, M.D
CONSULTANT PATHOLOGIST

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
<u>LIVER FUNCTION TEST (LFT)</u>			
TOTAL BILIRUBIN <i>Colorimetric Diazo Method</i>	0.51 mg/dL	0.2 - 1.2 mg/dL	
DIRECT BILIRUBIN <i>Colorimetric Diazo Method</i>	0.20 mg/dL	0 - 0.4 mg/dL	
INDIRECT BILIRUBIN <i>Calculation</i>	0.31 mg/dl		
S G O T (AST) <i>IFCC Without Pyridoxal Phosphates</i>	34.7 U/L	up to 35 U/L	
S G P T (ALT) <i>IFCC Without Pyridoxal Phosphates</i>	48.6 U/L	up to 50 U/L	
ALKALINE PHOSPHATASE <i>p-Nitrophenyl Phosphate</i>	108 U/L	36 - 113 U/L	
SERUM GAMMA GLUTAMYLTRANSFERASE (GGT) <i>GCNA-IFCC</i>	33.5 U/L	15 - 85 U/L	
TOTAL PROTEIN <i>Biuret Colorimetric</i>	6.07 g/dl	6.2 - 8 g/dl	
S. ALBUMIN <i>Bromocresol Green (BCG)</i>	3.76 g/dl	3.5 - 5.2 g/dl	
S. GLOBULIN <i>Calculation</i>	2.3 g/dl	2.5 - 3.8 g/dl	
A/G RATIO <i>Calculation</i>	1.6	1 - 1.5	

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
LIPID PROFILE TEST			
TOTAL CHOLESTEROL <i>Cholesterol Oxidase-Peroxidase (CHOD-POD)</i>	193 mg/dL	up to 200 mg/dL Border Line: 200 – 240 mg/dL High: > 240 mg/dL	
TRIGLYCERIDES <i>Glycerol Peroxidase-Peroxidase (GPO-POD)</i>	112.4 mg/dL	up to 150 mg/dL Desirable: <150 mg/dL Border Line: 150 – 200 mg/dL High: >200 – 500 mg/dL Very High: > 500 mg/dL	
HDL CHOLESTEROL - DIRECT <i>PEG-Cholesterol Esterase</i>	42.1 mg/dl	40 - 60 mg/dl >= 60mg/dL - Excellent (protects against heart disease) 40-59 mg/dL - Higher the better <40 mg/dL - Lower than desired (major risk for heart disease)	
LDL CHOLESTEROL - DIRECT <i>Cholesterol Esterase-Cholesterol Oxidase</i>	128.4 mg/dL	up to 100 mg/dL 100-129 mg/dL- Near optimal/above optimal 130-159 mg/dL- Borderline High 160-189 mg/dL- High 190->190 mg/dL - Very High	
VLDL CHOLESTEROL <i>Calculation</i>	22.5 mg/dL	2 - 30 mg/dL	

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
TOTAL CHOLESTROL/HDL RATIO <i>Calculation</i>	4.6	up to 3.5 3.5-5.0 - Moderate >5.0 - High	
LDL/HDL RATIO <i>Calculation</i>	3.0	up to 2.5 2.5-3.3 - Moderate >3.3 - High	
BLOOD UREA <i>UREASE-GLUTAMATE DEHYDROGENASE (GLDH)</i>	23.6 mg/dL	15 - 50 mg/dL	
CREATININE <i>Jaffe Kinetic</i>	0.86 mg/dL	0.4 - 1.4 mg/dL	
URIC ACID <i>Uricase-Peroxidase</i>	8.1 mg/dL	3 - 7.2 mg/dL	
SERUM ELECTROLYTES			
SODIUM <i>Ion Selective Electrode (ISE)</i>	137 mmol/L	136 - 145 mmol/L	
POTASSIUM <i>Ion Selective Electrode (ISE)</i>	4.00 mmol/L	3.5 - 5.2 mmol/L	
CHLORIDE <i>Ion Selective Electrode (ISE)</i>	100 mmol/L	97 - 111 mmol/L	

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
THYROID PROFILE			
TOTAL TRIIODOTHYRONINE (T3) CMIA	0.89 ng/mL	0.87 - 1.78 ng/mL	
TOTAL THYROXINE (T4) CMIA	8.93 µg/dL	6.09 - 12.23 µg/dL	
THYROID STIMULATING HORMONE (TSH) CMIA	6.878 µIU/mL	0.38 - 5.33 µIU/mL 1st Trimester: 0.05 - 3.70 2nd Trimester: 0.31 - 4.35 3rd Trimester: 0.41 - 5.18	

Note:

- TSH levels are subject to circadian variation, reaching peak levels between 2 - 4 a.m. and at a minimum between 6-10 pm. The variation is of the order of 50%, hence time of the day has influence on the measured serum TSH concentrations.
- Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

Clinical Use:

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

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PROSTATIC SPECIFIC ANTIGEN (PSA)

PROSTATIC SPECIFIC ANTIGEN (PSA)
CMIA

0.31 ng/mL

Up to 4ng/mL: Normal
4-10 ng/mL Hypertrophy &
benign genito urinary
conditions.
>10 ng/mL Suspicious of
malignancy.

PSA is used for monitoring patients with a history of prostate cancer and as an early indicator of recurrence and response to treatment. The test is commonly used for Prostate cancer screening.

BLOOD GROUP & Rh TYPING
Tube Agglutination (Forward and Reverse)

"B" Positive

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GLYCATED HAEMOGLOBIN (HbA1C)
HPLC

5.3 %

American Diabetic Association (ADA) recommendations:

Non diabetic adults : <5.7 %

At risk (Pre diabetic): 5.7 – 6.4%

Diabetic : >= 6.5%

Therapeutic goal for glycemic control :

Goal for therapy: < 7.0%

Action suggested: > 8.0%

ESTIMATED AVERAGE GLUCOSE (eAG)
Calculation

105.41 mg/dL

Comments:

This assay is useful for diagnosing Diabetes and evaluating long term control of blood glucose concentrations in diabetic patients. It reflects the mean glucose concentration over the previous period of 8 to 12 weeks and is a better indicator of long term glycemic control as compared with blood and urine glucose measurements. This provides a additional criterion for assessing glucose control because glycated hemoglobin values are free of day-to-day glucose fluctuation and are unaffected by exercise or food ingestion.

After a sudden alteration in blood glucose concentration, the rate of change of HbA1c is rapid during initial 2 months, followed by more gradual change approaching steady state 3 months later.

FASTING BLOOD SUGAR
Hexokinase

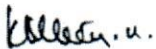
93.1 mg/dl

70 - 110 mg/dl

POST PRANDIAL BLOOD SUGAR
Hexokinase

122.6 mg/dl

80 - 150 mg/dl







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URINE ROUTINE & MICROSCOPIC

PHYSICAL EXAMINATION

Colour <i>Visual Method</i>	Pale Yellow	Pale yellow- yellow
Appearance <i>Visual Method</i>	Clear	Clear/Transparent
Specific Gravity <i>Strips Method</i>	1.030	1.005-1.035
pH	6.0	4.6-8.5

CHEMICAL EXAMINATION (DIPSTICK)

Protein <i>Strips Method</i>	Present (+)	Nil -Trace
Glucose <i>Strips Method</i>	Nil	Nil
Blood <i>Strips Method</i>	Negative	Negative
Ketone Bodies <i>Strips Method</i>	NIL	Negative
Urobilinogen <i>Strips Method</i>	Normal	Normal
Bile Salt <i>Strips Method</i>	Negative	Negative
Bilirubin <i>Strips Method</i>	Negative	Negative
Bile Pigments	Negative	NIL

MICROSCOPY

Pus Cells (WBC) <i>Light Microscopic</i>	4 - 5 /hpf	0-5/hpf
Epithelial Cells <i>Light Microscopic</i>	3 - 4 /hpf	0-4/hpf

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RBC <i>Light Microscopic</i>	0 - 1 /hpf	0-2/hpf	
Cast <i>Light Microscopic</i>	NIL	NIL	
Crystal <i>Light Microscopic</i>	NIL	Nil	
FASTING URINE SUGAR (FUS)	NIL	NIL	FASTING URINE
POSTPRANDIAL URINE SUGAR	NIL	NIL	URINE

Dispatched by: Sumalatha

**** End of Report ****

Printed by: Jasmine on 24-07-2021 at 06:56 PM

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Diagnosics & Speciality Centre

2D ECHO CARDIOGRAPHY / DOPPLER STUDY

NAME:	MR. LALL SANJAY KUMAR	DATE:	24-07-2021
AGE:	42 YEARS	ID. NO:	154370
GENDER:	MALE	REFERRED BY:	MEDIWHEEL

M-Mode				
LEFT ATRIUM		35		mm
AORTA		29		mm
LEFT VENTRICLE (Diastole)		38		mm
LEFT VENTRICLE (Systole)		25		mm
VENTRICULAR SEPTUM (Diastole)		11		mm
POSTERIOR WALL (Diastole)		10		mm
EJECTION FRACTION		60		%
DOPPLER / COLOR FLOW				
MITRAL VALVE	E=1.03	A=0.76	m/sec	NO MR
AORTIC VALVE	1.15		m/sec	NO TR
PULMONARY VALVE	1.22		m/sec	NO PR
TRICUSPID VALVE	E=0.81	A=0.25	m/sec	TRIVIAL TR, PASP = 20 mmHg

2D ECHO CARDIOGRAPHY FINDINGS

LEFT VENTRICLE	SIZE	NORMAL
	THICKNESS	NORMAL
CONTRACTILITY	REGIONAL	NORMAL
	GLOBAL	NORMAL
RIGHT VENTRICLE	NORMAL	
LEFT ATRIUM	NORMAL	
RIGHT ATRIUM	NORMAL	
MITRAL VALVE	NORMAL	
AORTIC VALVE	NORMAL	
PULMONARY VALVE	NORMAL	
TRICUSPID VALVE	NORMAL	
INTER ATRIAL SEPTUM	INTACT	
INTER VENTRICULAR SEPTUM	INTACT	
PERICARDIUM	NORMAL	
OTHERS	-	

IMPRESSION:

**NORMAL CARDIAC CHAMBERS.
NO REGIONAL WALL MOTION ABNORMALITIES
NORMAL LV SYSTOLIC FUNCTION.
NO PERICARDIAL EFFUSION/PH**



S. SRIDHAR
ECHO CARDIOGRAPHER

Diagnosics & Speciality Centre

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REFERRED BY	:	BILL NO.	: 154370
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ULTRASOUND WHOLE ABDOMEN AND PELVIS

LIVER: Liver is normal in size (13.6 cm) and shows diffusely increased echotexture. No focal lesion seen. Intrahepatic biliary radicles not dilated. Hepatic veins are normal. CBD & Portal vein normal.

GALL BLADDER: Contracted.

SPLEEN: Normal in size with normal homogenous echotexture. No focal lesion seen. Splenic vein is normal in caliber.

PANCREAS: Body and head appears normal. No focal lesion seen. Pancreatic duct not dilated. Tail not visualized.

RIGHT KIDNEY: Anteriorly malrotated, normal in size measuring 10.1 x 3.7 cm with normal echo pattern. Pelvi-calyceal system is not dilated. Parenchymal thickness measuring 2.0 cm. Corticomedullary differentiation is well maintained. No calculus seen. Cortical thickness is normal.

LEFT KIDNEY: Normal in size measuring 10.9 x 6.1 cm with normal echo pattern. Pelvi-calyceal system is not dilated. Parenchymal thickness measuring 1.9 cm. Corticomedullary differentiation is well maintained. No calculus seen. Cortical thickness is normal.

URETERS: Both ureters are not dilated.

ILIAC FOSSA: Shows no evidence of any fluid/ mass lesion. Appendix not visualized.

URINARY BLADDER: Normal in distension with normal wall thickness. Lumen echo free.

PROSTATE: Normal in size measuring 3.3 x 2.8 x 3.4 cm (volume 17 cc) with normal echopattern. No focal lesion seen.

No evidence of free fluid in the pelvic or abdominal cavity.

IMPRESSION:

- Fatty changes in liver.
- Anteriorly malrotated right kidney.

Mediclu Diagnostics & Speciality Centre
Bengaluru
Dr. NAVEEN J
MDRD
CONSULTANT RADIOLOGIST

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AGE:	42 YEARS	ID. NO:	154370
GENDER:	MALE	REFERRED BY:	MEDIWHEEL

X-RAY CHEST PA VIEW

- The lung fields are clear bilaterally.
- CP angles are clear.
- Both the hila appear normal.
- Cardiac diameter is within normal limits.
- Trachea appears in mid line.
- Visible bony thoracic cage is normal.
- Adjacent soft tissues appears normal.

IMPRESSION:

- **NORMAL STUDY.**


DR. NAVEEN, MDRD
CONSULTANT RADIOLOGIST

MEDICIN DIAGNOSTICS
NAGARBAVI CIRCLE

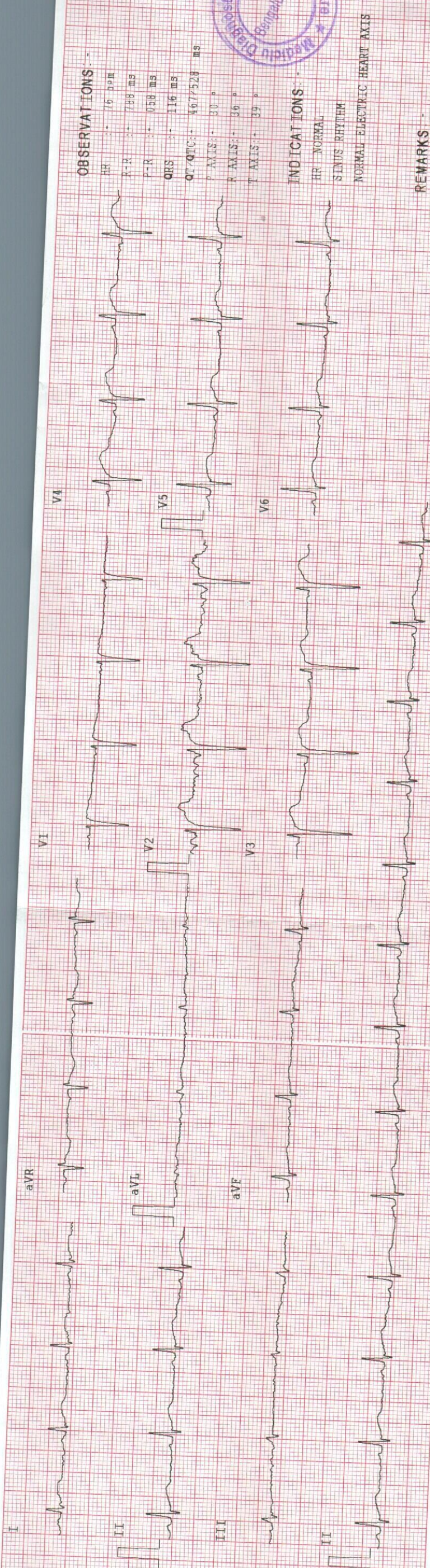
PATIENT INFORMATION:

ID:
NAME: MR SANJAY KUMA LAL
AGE: 42 GENDER: M SMOKER: N
HEIGHT: cms WEIGHT: Kg.
DOCTOR:
Ref:
TIME/DATE: 14:22:04 24/07/21

ECG SETTINGS:

PRINTING MODE: AUTO 3*1
GAIN: 10 mm/mV
SPEED: 25mm/Sec
FILTER: .05, 35Hz
NOTCH: ON
RHYTHM LEAD: II

ALLENGERS PISCES-A-103(Ver-1.6N)



OBSERVATIONS: -
HR: 76 bpm
P-R: 188 ms
P-R: 158 ms
QRS: 116 ms
QT/QTc: 467/528 ms
P AXIS: 30°
R AXIS: 36°
T AXIS: 39°

INDICATIONS: -
HR NORMAL
SINUS RHYTHM
NORMAL ELECTRIC HEART AXIS

REMARKS: -

CORRELATE CLINICALLY

