



बैंक ऑफ़ बड़ोदा
Bank of Baroda



नाम
Name

एन कृष्णकान्त रेड्डी
N Krishnakanth Reddy

E.C. No.

178568



जारीकर्ता अधिकारी
Issuing Authority

धारक के हस्ताक्षर
Signature of Holder

NAME	: Mr. REDDY N KRISHNAKANTH	MR NO.	: 21071763
AGE/SEX	: 32 Yrs / Male	VISIT NO.	: 137770
REFERRED BY	:	DATE OF COLLECTION	: 24-07-2021 at 09:33 AM
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 24-07-2021 at 06:34 PM



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
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COMPLETE BLOOD COUNT (CBC) WITH ESR

HAEMOGLOBIN <i>Colorimetric Method</i>	16.6 gm/dL	13 - 18 gm/dL	
HEMATOCRIT (PCV) <i>Calculated</i>	50.5 %	40 - 54 %	
RED BLOOD CELL (RBC) COUNT <i>Electrical Impedance</i>	6.0 million/cu.mm	4.5 - 5.9 million/cu.mm	
PLATELET COUNT <i>Electrical Impedance</i>	2.4 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm	
MEAN CELL VOLUME (MCV) <i>Calculated</i>	84.2 fl	80 - 100 fl	
MEAN CORPUSCULAR HEMOGLOBIN (MCH) <i>Calculated</i>	27.7 pg	26 - 34 pg	
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) <i>Calculated</i>	32.9 %	31 - 35 %	
TOTAL WBC COUNT (TC) <i>Electrical Impedance</i>	10070 cells/cumm	4000 - 11000 cells/cumm	
DIFFERENTIAL COUNT			
NEUTROPHILS <i>VCS Technology/Microscopic</i>	67 %	40 - 75 %	
LYMPHOCYTES <i>VCS Technology/Microscopic</i>	28 %	25 - 40 %	
EOSINOPHILS <i>VCS Technology/Microscopic</i>	01 %	0 - 7 %	
MONOCYTES <i>VCS Technology/Microscopic</i>	04 %	1 - 8 %	
BASOPHILS <i>Electrical Impedance</i>	00 %		
ESR <i>Westergren Method</i>	14 mm/hr	0 - 15 mm/hr	

Krishna M.



A. Vamseedhar

Dr. KRISHNA MURTHY

Lab Seal

Dr. VAMSEEDHAR.A

MD
BIOCHEMIST

D.C.P, M.D
CONSULTANT PATHOLOGIST

The laboratory values And Normal values need to be interpreted based on patients clinical characteristics. The values in reference range is for an average normal individual which may vary depending upon age, sex and other characteristics.

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 AGE/SEX : 32 Yrs / Male
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 REF CENTER : MEDIWHEEL

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<u>LIVER FUNCTION TEST (LFT)</u>			
TOTAL BILIRUBIN <i>Colorimetric Diazo Method</i>	0.56 mg/dL	0.2 - 1.2 mg/dL	
DIRECT BILIRUBIN <i>Colorimetric Diazo Method</i>	0.15 mg/dL	0 - 0.4 mg/dL	
INDIRECT BILIRUBIN <i>Calculation</i>	0.41 mg/dl		
S G O T (AST) <i>IFCC Without Pyridoxal Phosphates</i>	18.9 U/L	up to 35 U/L	
S G P T (ALT) <i>IFCC Without Pyridoxal Phosphates</i>	25.7 U/L	up to 50 U/L	
ALKALINE PHOSPHATASE <i>p-Nitrophenyl Phosphate</i>	86 U/L	36 - 113 U/L	
SERUM GAMMA GLUTAMYLTRANSFERASE (GGT) <i>GCNA-IFCC</i>	31.2 U/L	15 - 85 U/L	
TOTAL PROTEIN <i>Biuret Colorimetric</i>	6.54 g/dl	6.2 - 8 g/dl	
S.GLOBULIN <i>Calculation</i>	18.9 g/dl	2.5 - 3.8 g/dl	
A/G RATIO <i>Calculation</i>	18.9	1 - 1.5	

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
<u>LIPID PROFILE TEST</u>			
TOTAL CHOLESTEROL <i>Cholesterol Oxidase-Peroxidase (CHOD-POD)</i>	205 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>	167 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>	39.3 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>	132.3 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>	33.4 mg/dL	2 - 30 mg/dL	

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TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
TOTAL CHOLESTROL/HDL RATIO <i>Calculation</i>	5.2	up to 3.5 3.5-5.0 - Moderate >5.0 - High	
LDL/HDL RATIO <i>Calculation</i>	3.4	up to 2.5 2.5-3.3 - Moderate >3.3 - High	
BLOOD UREA <i>UREASE-GLUTAMATE DEHYDROGENASE (GLDH)</i>	16.4 mg/dL	15 - 50 mg/dL	
CREATININE <i>Jaffe Kinetic</i>	0.73 mg/dL	0.4 - 1.4 mg/dL	
URIC ACID <i>Uricase-Peroxidase</i>	7.8 mg/dL	3 - 7.2 mg/dL	
SERUM ELECTROLYTES			
SODIUM <i>Ion Selective Electrode (ISE)</i>	134 mmol/L	136 - 145 mmol/L	
POTASSIUM <i>Ion Selective Electrode (ISE)</i>	4.16 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	1.23 ng/mL	0.87 - 1.78 ng/mL	
TOTAL THYROXINE (T4) CMIA	10.35 µg/dL	6.09 - 12.23 µg/dL	
THYROID STIMULATING HORMONE (TSH) CMIA	1.988 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) <small>CMA</small>	0.43 ng/mL	Up to 4ng/mL: Normal 4-10 ng/mL Hypertrophy & benign genito urinary conditions. >10 ng/mL Suspicious of malignancy.	
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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 <small>Tube Agglutination (Forward and Reverse)</small>	"O" Positive
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GLYCATED HAEMOGLOBIN (HbA1C)
HPLC

5.6 %

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)

114.02 mg/dL

Calculation

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

100.2 mg/dl

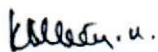
70 - 110 mg/dl

POST PRANDIAL BLOOD SUGAR

Hexokinase

115.4 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>	1.020	1.005-1.035
pH	6.0	4.6-8.5

CHEMICAL EXAMINATION (DIPSTICK)

Protein <i>Strips Method</i>	Nil	Nil -Trace
Glucose <i>Strips Method</i>	Nil	Nil
Blood <i>Strips Method</i>	Negative	Negative
Ketone Bodies <i>Strips Method</i>	Absent	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>	2 - 3 /hpf	0-5/hpf
Epithelial Cells <i>Light Microscopic</i>	3 - 4 /hpf	0-4/hpf

Collection u.



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RBC <i>Light Microscopic</i>	Not Seen /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 07:02 PM

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Diagnosics & Speciality Centre

NAME	: Mr. REDDY N KRISHNAKANTH	MR / VISIT NO	: 21071763 / 137770
AGE/SEX	: 32 Yrs / Male	BILLED TIME	: 137770
REFERRED BY	:	BILL NO.	: 154368
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 24-07-2021 at 05:54 PM

ULTRASOUND WHOLE ABDOMEN AND PELVIS

LIVER: Liver is normal in size (14.5 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: Normal in size measuring 10.8 x 5.4 cm with normal echo pattern. Pelvi-calyceal system is not dilated. Parenchymal thickness measuring 1.8 cm. Corticomedullary differentiation is well maintained. No calculus seen. Cortical thickness is normal.

LEFT KIDNEY: Normal in size measuring 11.1 x 5.9 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.

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 3.7 x 2.7 x 3.9 cm (volume 21 cc) with normal echopattern. No focal lesion seen.

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

IMPRESSION:

- Fatty changes in liver.
- No other abnormality detected.


Dr. NAVEEN J
MDRD

CONSULTANT RADIOLOGIST

No. 79, Kendra Upadyayara Sangha Layout, Nagarbhavi Circle, Nagarbhavi, Bengaluru - 560 072.

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E-mail : medicludiagnosics@gmail.com website : www.mediclu.com

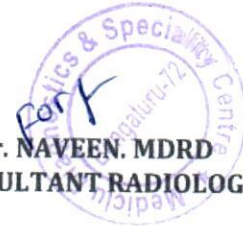
Diagnostics & Speciality Centre

NAME:	MR. REDDY N KRISHNAKANTH	DATE:	24-07-2021
AGE:	32 YEARS	ID. NO:	154368
GENDER:	MALE	REFERRED BY:	MEDIWHEEL

X-RAY CHEST PA VIEW

- Rotated chest x ray.
- Prominent pulmonary convexity seen.
- 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.

Dr. NAVEEN. MDRD
CONSULTANT RADIOLOGIST



Diagnosics & Speciality Centre

2D ECHO CARDIOGRAPHY / DOPPLER STUDY

NAME:	Mr. REDDY N KRISHNAKANTH	DATE:	24-07-2021
AGE:	32 YEARS	ID. NO:	154368
GENDER:	MALE	REFERRED BY:	MEDIWHEEL


M-Mode				
LEFT ATRIUM		33		mm
AORTA		33		mm
LEFT VENTRICLE (Diastole)		40		mm
LEFT VENTRICLE (Systole)		23		mm
VENTRICULAR SEPTUM (Diastole)		13		mm
POSTERIOR WALL (Diastole)		13		mm
EJECTION FRACTION		60		%
DOPPLER / COLOR FLOW				
MITRAL VALVE	E=0.89	A=0.70	m/sec	NO MR
AORTIC VALVE	1.15		m/sec	NO TR
PULMONARY VALVE	0.76		m/sec	NO PR
TRICUSPID VALVE	E=0.53	A=0.65	m/sec	TRIVIAL TR, PASP = 15 mmHg

2D ECHO CARDIOGRAPHY FINDINGS

LEFT VENTRICLE	SIZE	NORMAL
	THICKNESS	MILD CONCENTRIC LVH
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:

**MILD CONCENTRIC LVH
NO REGIONAL WALL MOTION ABNORMALITIES
NORMAL LV SYSTOLIC FUNCTION.
NO PERICARDIAL EFFUSION/PH**


S. SRIDHAR
ECHO CARDIOGRAPHER

MEDICAL DIAGNOSTICS
NAGARBHAVI CIRCLE

PATIENT INFORMATION :-

ID: 154368

NAME: MR REDDY N KRISHNAMANTH

AGE: 32 GENDER: M SMOKER: Y

HEIGHT: cms WEIGHT: KG

DOCTOR :

Ref :

TIME/DATE: 11:00:55 24/07/21

ECG SETTINGS :-

PRINTING MODE: AUTO 3+1

GAIN: 10 mm/mV

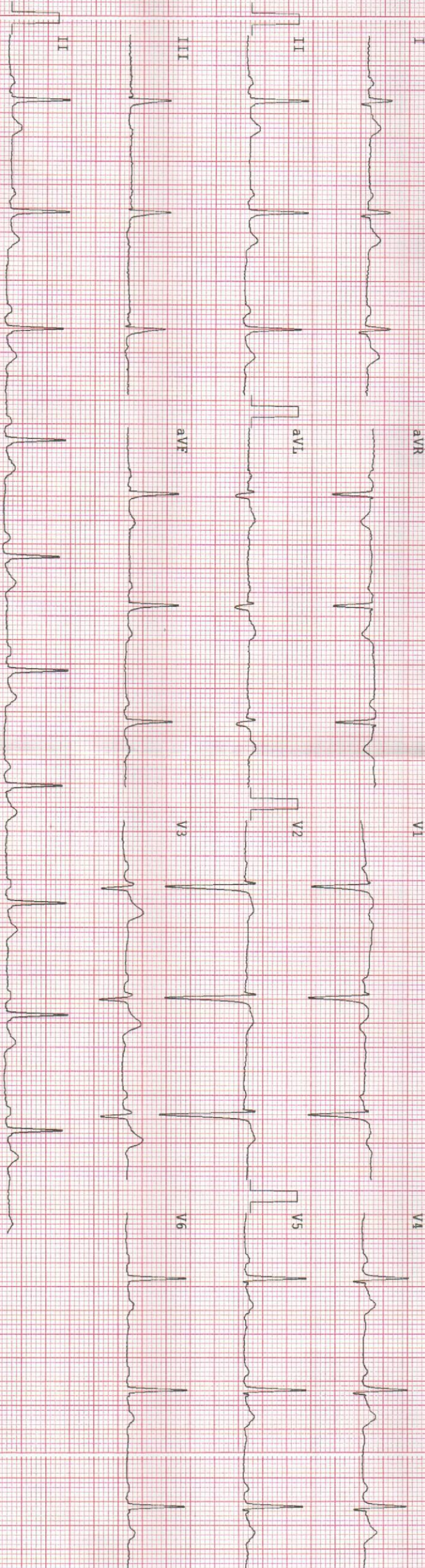
SPEED: 25mm/Sec

FILTER: 05-35Hz

NOTCH: ON

RHYTHM LEAD: II

ALLENGERS P100S-A-103(Ver-1.6M)



OBSERVATIONS :-

HR : 62 bpm

P-R : 966 ms

Q-RS : 104 ms

QT/QTc : 401/410 ms

P AXIS : 30 °

R AXIS : 39 °

T AXIS : 00 °

INDICATIONS :-

HR NORMAL

NORMAL SINUS RHYTHM

NORMAL ELECTRIC HEART AXIS

REMARKS :-

CORRELATE CLINICALLY

