

Name	Bodakunta Sudhakar	Order / Reg No	PTGOC2200030323 / 1394689
Age / Sex	49 Years / M	Sample Drawn At	2022-06-22 08:33:22
Collection Centre	INTGHYD95214	Sample Accepted At	2022-06-22 18:53:43
Referral Doctor	BHAGEERATH ATTHE	Sample Reported At	2022-06-22 20:53:03

INVESTIGATION	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
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MDx Cardiac Health Checkup

Complete Urine Analysis

Sample Type: URINE

PHYSICAL EXAMINATION

Colour	Pale Yellow
Appearance	Clear
Specific Gravity	1.015
pH	6.0

CHEMICAL EXAMINATION

Reducing Sugar	Nil
Protein	Negative
Blood	Negative
Ketones	Negative
Bile Pigments	Negative
Bile salts	Negative
Urobilinogen	Negative
Nitrite	Negative

MICROSCOPIC EXAMINATION

Pus Cells	2-3	/HPF
RBCs	Nil	/HPF
Epithelial Cells	2-4	/HPF
Crystals	Nil	
Casts	Nil	
Others	Nil	


Dr G Srinivas
Pathologist

Name	Bodakunta Sudhakar	Order / Reg No	PTGOC2200030323 / 1394689
Age / Sex	49 Years / M	Test Registered At	2022-06-22 08:33:06
Collection Centre	INTGHYD95214	Test Accepted At	2022-06-22 15:07:07
Referral Doctor	BHAGEERATH ATTHE	Test Reported At	2022-06-22 15:09:58

MDx Cardiac Health Checkup

X Ray - PA View of Chest

(ROTATION)

FINDINGS:

Lung fields are clear.

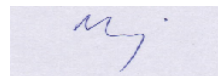
Both hila appear normal.

Mediastinum is normal.

Both domes of diaphragm are normal.

CP angles are clear.

Soft tissues and bony cage appear normal.

Signs of thoracotomy noted.**- For Clinical Correlation.****Dr Venkat Nageshwar Goud**
Consultant Radiologist**Dr Mohammed Sajjad Saleem**
Consultant Radiologist

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Age / Sex	49 Years / M	Test Registered At	2022-06-22 08:33:06
Collection Centre	INTGHYD95214	Test Accepted At	2022-06-22 15:35:18
Referral Doctor	BHAGEERATH ATTHE	Test Reported At	2022-06-22 15:35:32

MDx Cardiac Health Checkup

Electrocardiogram (ECG)

DONE

2D Echo Doppler Study

TRANSDUCER FREQUENCY – 205/305/5.0 MHZ

MITRAL VALVE	LEAF LETS THICKENING	:Normal	
	MOBILITY	:Normal	
	CALCIUM	:Normal	
	SUB VALVAR APPRATUS	:Normal	
AORTIC VALVE	:Normal		
PULMONARY VALVE	:Normal		
TRICUSPID VALVE	:Normal		
LEFT ATRUM	:3.6 cm		
LEFT VENTRICLE	RWMA +, AKINETIC BASAL, MID INFERIOR WALL		
	ESD = 4.0 cm	EDD = 5.1 cm	EF = 45%
	PW = 1.0 cm	IVS = 1.0 cm	FS = %
RIGHT VENTRICLE	:Normal		
AORTA	2.4 cm.		
PULMONARY ARTERY	:Normal		
IAS/SVC/CS	INTACT		
IVS	:Normal		
PULMONARY VEIN	:Normal		
PERICARDIUM	:Normal		
INTRACARDIAC MASSES	:NIL		
MITRAL FLOW	E = 1.1 m/sec A = 1.0 m/sec DT = 240 msec E/A = 1.0 E/e' = 14		
AORTIC FLOW	:1.0 m/sec		
PILMONARY FLOW	:0.8 m/sec		
TRICUSPID FLOW	MILD TR / RVSP = 32 mm of Hg.		



Dr K Ravi Kiran
Consultant Cardiologist

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Referral Doctor	BHAGEERATH ATTHE	Test Reported At	2022-06-22 15:35:32

CONCLUSIONS

STATUS POST CABG
RWMA +
MILD TR / NO PAH
MILD LV SYSTOLIC FUNCTION
GRADE - II LV DIASTOLIC DYSFUNCTION
NO CLOT / PE / VEGETATION

TMT - Tread Mill Stress Test

DONE



Dr K Ravi Kiran
Consultant Cardiologist

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Collection Centre	INTGHYD95214	Sample Accepted At	2022-06-22 18:53:24
Referral Doctor	BHAGEERATH ATTHE	Sample Reported At	2022-06-22 19:53:56

INVESTIGATION	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
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MDx Cardiac Health Checkup

Sodium, Serum 142 mmol/L 135 - 145

Sample Type: SERUM

Method: ION SELECTIVE ELECTRODE

Potassium, Serum 3.9 mmol/L 3.5 - 5.1

Sample Type: SERUM

Method: ION SELECTIVE ELECTRODE

Chloride, Serum 103 mmol/L 101 - 111

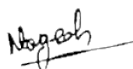
Sample Type: SERUM

Method: ION SELECTIVE ELECTRODE

Calcium, Serum 8.4 mg/dL 8.4 - 10.2

Sample Type: SERUM

Method: ARESENAZO III



M Nageshwar Rao
Lab Incharge



Dr G Srinivas
Pathologist

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Age / Sex	49 Years / M	Sample Drawn At	2022-06-22 08:33:22
Collection Centre	INTGHYD95214	Sample Accepted At	2022-06-22 18:53:05
Referral Doctor	BHAGEERATH ATTHE	Sample Reported At	2022-06-22 20:12:41

INVESTIGATION	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
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MDx Cardiac Health Checkup

Complete Blood Count (CBC) & ESR

Sample Type: WHOLE BLOOD EDTA

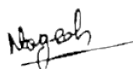
RBC count	4.24	Millions/cumm	Females: 3.5-4.5 Males: 4.5-5.5
<u>Method:</u> CELL COUNTER			
Hemoglobin	13.3	gm/dL	Female 11.5 - 16 Male 13 - 18
Haematocrit (HCT)	39.6	%	Female 35 - 47 Male 35 - 54
Mean Corpuscular Volume (MCV)	93.2	fL	82 - 98
Mean Corpuscular Hemoglobin (MCH)	31.3	pg	26 - 34
Mean Corpuscular Haemoglobin Concentration (MCHC)	33.6	gm/dL	31 - 38
RDW-CV	14.8	%	11.5 - 14.5
Total Leucocyte Count (TC)	2330.0	/cumm	4000 - 11000
Platelet count	1.8	Lakhs/cumm	1.5- 4.0

DIFFERENTIAL COUNT

Neutrophils	42.1	%	40 - 75
Lymphocytes	50.1	%	20 - 40
Monocytes	1.9	%	2 - 10
Eosinophils	3.9	%	1 - 6
Basophils	1.8	%	0 - 1

PERIPHERAL SMEAR STUDY

RBCs	Normocytic Normochromic
WBCs	Leucocytopenia, lymphocytosis
	Adequate in Number



M Nageshwar Rao
Lab Incharge



Dr G Srinivas
Pathologist

CLINICAL LABORATORY REPORT

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Referral Doctor	BHAGEERATH ATTHE	Sample Reported At	2022-06-22 20:12:41

INVESTIGATION	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
Platelets	Normal in Morphology		
Hemoparasites	Not Seen		
Impression			
Erythrocyte Sedimentation Rate (ESR)	20	mm	Female 0 - 20 Male 0 - 15



M Nageshwar Rao
Lab Incharge



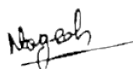
Dr G Srinivas
Pathologist

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Age / Sex	49 Years / M	Sample Drawn At	2022-06-22 08:33:22
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Referral Doctor	BHAGEERATH ATTHE	Sample Reported At	2022-06-22 19:53:56

INVESTIGATION	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
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Lipid Profile

Cholesterol, Total Sample Type: SERUM Method: ENZYMATIC	103	mg/dL	< 200 mg/dL: Optimal 200-239 mg/dL: Borderline High > 240 mg/dL: High
Cholesterol, HDL Sample Type: SERUM Method: ENZYMATIC	33	mg/dL	Male: 29 - 71 Female: 35 - 85
Cholesterol, LDL Sample Type: SERUM Method: CALCULATED	61	mg/dL	<70: Optimal for a very high risk person <100: Optimal for a high risk person 100-129: Optimal for a low risk person 130-159: Borderline 160-190: High >190: Very high
Cholesterol, VLDL Sample Type: SERUM Method: CALCULATED	9	mg/dL	5 - 40
Cholesterol, Total/HDL Ratio Sample Type: SERUM Method: CALCULATED	3.12		< 4: Desirable 4 - 6: Borderline > 6: High
Cholesterol, LDL/HDL Ratio Sample Type: SERUM Method: CALCULATED	1.8		1 - 3.6: Desirable
Triglycerides, Serum Sample Type: SERUM Method: ENZYMATIC	43	mg/dL	< 150: Optimal 150 - 190: Borderline High > 190: High



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Referral Doctor	BHAGEERATH ATTHE	Sample Reported At	2022-06-22 22:46:41

INVESTIGATION	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
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Thyroid Profile
Total Triiodothyronine (TT3)

119.94

ng/dL

Sample Type: SERUM

Method: CHEMILUMINESCENCE

> 0D < 3D 100 - 700
 > 30D < 5Y 105 - 269
 > 5Y < 10Y 94 - 241
 > 10Y < 15Y 83 - 213
 > 15Y < 100Y Female 70 - 204
 Pregnancy
 First Trimester: 81 - 190
 II & III Trimester: 100 - 260
 > 15Y < 100Y Male 70 - 204

Total Thyroxine (TT4)

7.5

micro g/dL

Sample Type: SERUM

Method: CHEMILUMINESCENCE

> 0D < 3D 4.6 - 10.5
 > 4D < 30D 9.8 - 16.6
 > 1M < 12M 7.2 - 16.5
 > 1Y < 5Y 7.3 - 15.0
 > 5Y < 10Y 6.4 - 13.3
 > 10Y < 100Y Female 7.3 - 15.0
 > 10Y < 100Y Male 4.6 - 10.5

Thyroid Stimulating Hormone (TSH)

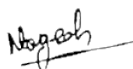
0.45

micro IU/mL

Sample Type: SERUM

Method: CHEMILUMINESCENCE

Adult: 0.35 - 5.00
 Children
 < 4 days: 1 - 39
 2 - 20 weeks: 1.7 - 9.1
 Pregnancy : 1st and 3rd Trimesters: 0.2 - 3.5
 Pediatric Ranges: 1 - 6 Days: 0.4 - 15.0
 1 - 3 Weeks: 0.4 - 10.0
 1 Month - 1 Year: 0.4 - 8.6



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Liver Function Test (LFT)
Bilirubin, Serum (Indirect, Direct & Total)

Sample Type: SERUM

TOTAL BILIRUBIN 1.0 mg/dL 0.2 - 1

Method: DIAZOTISED SULPHANIC ACID

DIRECT BILIRUBIN 0.2 mg/dL 0 - 0.2

Method: DIAZOTISED SULPHANIC ACID

INDIRECT BILIRUBIN 0.8 mg/dL 0 - 0.8

Alanine Aminotransferase, Serum (ALT/SGPT) 24 IU/L 10 - 40

Sample Type: SERUM

Method: IFCC

Aspartate Aminotransferase, Serum (AST/SGOT) 37 IU/L 10 - 42

Sample Type: SERUM

Method: IFCC

Alkaline Phosphatase, Serum 51 IU/L 32 - 92

Sample Type: SERUM

Method: p NITROPHENOL

Total Protein, Serum 6.4 gm/dL
 > 0D < 30D 4.6-7.4
 > 1M < 7Y 6.1-7.9
 > 7Y < 60Y 6.4-8.6
 > 60Y 6.4-8.3

Sample Type: SERUM

Method: TIMED END POINT BIURET

Albumin, Serum 3.7 gm/dL
 > 0D < 7D 2.5 - 3.4
 > 7D < 5Y 3.9 - 5.0
 > 5Y < 60Y 3.5 - 5.3
 > 60Y 3.5 - 4.9

Sample Type: SERUM

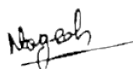
Method: BROMOCRESOL PURPLE

Globulin, Serum 2.7 gm/dL
 > 0D < 60Y 2.2-4.0
 > 60Y 2.2-3.7

Sample Type: SERUM

Method: CALCULATED

Albumin/Globulin Ratio, Serum 1.37



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Sample Type: SERUM



M Nageshwar Rao
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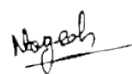
Kidney Profile


Creatinine, Serum 0.8 mg/dL
 Sample Type: SERUM
 Method: MODIFIED JAFFE KINETIC
 0-12m 0.1-0.5
 13-48m 0.1-0.6
 2-7y 0.2-0.7
 8-10y 0.2-0.8
 11-12y 0.2-0.9
 13-19y 0.3-1.1
 >20y 0.6-1.4

Urea, Serum 19 mg/dL
 Sample Type: SERUM
 Method: UREASE
 10 - 50

Uric Acid, Serum 5.0 mg/dL
 Sample Type: SERUM
 Method: URICASE
 Male 2.5 - 8
 Female 1.5 - 6

Urea / Creatinine Ratio, Serum 23.8 Ratio
 Sample Type: SERUM


M NageshwarRao
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Diabetes Screening Basic

Blood Glucose, Fasting 82 mg/dL 70 - 110: Normal
 Sample Type: FASTING SODIUM FLUORIDE PLASMA 110 - 125: Impaired Glucose Tolerance
 > 126: Diabetic

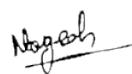
Method: HEXOKINASE

Hemoglobin A1c 5.8 % <6 Non-diabetic
 Sample Type: WHOLE BLOOD EDTA 6.0-7.0 Goal for diabetes therapy

Method: HPLC

Hemoglobin A1C provides an index of the mean blood glucose concentration over the preceding 100-120 days. The level of Hb A1C is proportional to both the average glucose concentration and life span of the protein (hemoglobin) in the circulation or tissue

*** END OF THE REPORT ***


M Nageshwar Rao
 Lab Incharge


Dr G Srinivas
 Pathologist