est Description	Value(s) Unit(s) Reference Range
Referral : DR SELF	Sample Type : Serum
Bill ID : 79379	Sample ID : 1924018698
Patient ID : 76637	<b>Reporting Time :</b> 16/03/2024, 03:49 p.m.
Mobile No. : 9830139968	<b>Receiving Time :</b> 16/03/2024, 12:57 p.m.
Age / Gender : 43 years / Male	<b>Collection Time :</b> 16/03/2024, 09:30 a.m.
Patient Name : MR. MANISH GARANI	Optional ID : -
DIAGNOSTICS	

### Bun / Creatrnine Ratio

BUN/Creatinine ratio Method : Calculation 15.27

12 - 20

#### \*\*END OF REPORT\*\*

Checked by Pintu Manna Weenakshi Mohan Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631



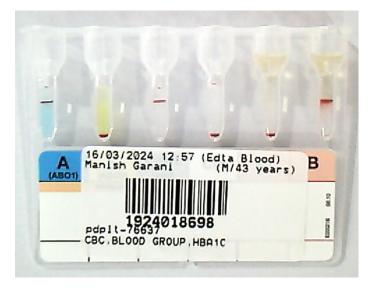
Reported By : -

Source : ALLIANCE & PROJECT	
Referral : DR SELF	Sample Type : Edta Blood
Bill ID : 79379	Sample ID : 1924018698
Patient ID: 76637	Reporting Time : 16/03/2024, 02:48 PM
Mobile No. : 9830139968	Receiving Time : 16/03/2024, 12:57 PM
Age / Gender : 43 years / Male	Collection Time: 16/03/2024, 09:30 AM
Patient Name : MR. MANISH GARANI	Optional ID : -
DIAGNOSTICS	

#### Blood Group & RH Typing

BLOOD GROUP RH TYPING "A" POSITIVE

FORWARD & REVERSE BLOOD GROUPING, GEL CARD BY BIO-RAD



\*\*END OF REPORT\*\*

Checked by Sharmistha Das المراسط Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631





DIAGNOSTICS		Ne		
Patient Name : MR. MANISH GARANI		Optional ID :	-	
Age / Gender : 43 years / Male		Collection Time : 16/03/2024, 09:30 AM		
Mobile No. : 9830139968		Receiving Tim	ne : 16/03/2024, 12:57 PM	
Patient ID: 76637		Reporting Tim	ne : 16/03/2024, 01:49 PM	
Bill ID : 79379		Sample ID : 19	924018698	
Referral : DR SELF		Sample Type	: Serum	
Source : ALLIANCE & PROJECT				
est Description	Value(s)	Unit(s)	Reference Range	
GLUCOSE POST PRANDIAL PLASMA Method : Hexokinase	107	mg/dL	70 - 140	
SLUCOSE POST PRANDIAL PLASMA Method : Hexokinase <b>T3,T4 &amp; TSH</b> 3 Method : Chemiluminescent Microparticle Immunoassay (CMIA)	107 1.27	mg/dL ng/mL	70 - 140 1 - 30 days: 1 - 7.4 1m - 11m: 1.05 - 2.45 1yr - 5yrs: 1.05 - 2.69 6yrs - 10yrs: 0.94 - 2.41 11yrs - 15yrs: 0.82 - 2.13 16yrs- 20yrs: 0.8 - 2.1 Adult: 0.58 - 1.59	

#### TSH

Method : Chemiluminescent Microparticle Immunoassay (CMIA)

#### Interpretation :

#### ТЗ

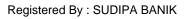
Triiodothyronine (3,5,3' triiodothyronine or T3) is the thyroid hormone principally responsible for the regulation of metabolism of the various target organs. T3 is mainly formed extrathyroidally, particularly in the liver, by enzymatic 5' deiodination of T4 (thyroxine). A reduction in the conversion of T4 to T3 results in a decrease in the T3 concentration. It occurs under the influence of medicaments such as propranolol, glucocorticoids or amiodarone and in severe non thyroidal illness (NTI), and is referred to as "low T3 syndrome". The determination of T3 is utilized in the diagnosis of T3 hyperthyroidism, the detection of early stages of hyperthyroidism and for indicating a diagnosis of thyrotoxicosis factitia.

1.67

#### Т4

The hormone thyroxine (T4) is the main product secreted by the thyroid gland and is an integral component of the hypothalamus anterior pituitary thyroid regulating system. The major part (> 99 %) of total thyroxine in serum is present in proteinbound form. As the concentrations of the transport proteins in serum are subject to exogenous and endogenous effects, the status of the binding proteins must also be taken





> 10yr

Adult

0.35 - 4.94

µIU/mI

: 4.87 - 11.72 : 4.87 - 11.72



Test Description	Value(s)	Unit(s) Reference Range
Source : ALLIANCE & PROJECT		
Referral : DR SELF		Sample Type : Serum
Bill ID : 79379		Sample ID : 1924018698
Patient ID : 76637		Reporting Time: 16/03/2024, 01:49 PM
Mobile No. : 9830139968		Receiving Time : 16/03/2024, 12:57 PM
Age / Gender : 43 years / Male		Collection Time: 16/03/2024, 09:30 AM
Patient Name : MR. MANISH GARANI		Optional ID: -
TM DIAGNOSTICS		Neuberg S Pulse

into account in the assessment of the thyroid hormone concentration in serum. If this is ignored, changes in the binding proteins (e.g. due to estrogen containing preparations, during pregnancy or in the presence of a nephrotic syndrome etc.) can lead to erroneous assessments of the thyroid metabolic state. The determination of T4 can be utilized for the following indications: the detection of hyperthyroidism, the detection of primary and secondary hypothyroidism, and the monitoring of TSH suppression therapy.

#### TSH

TSH is formed in specific basophil cells of the anterior pituitary and is subject to a circadian secretion sequence. The hypophyseal release of TSH (thyrotropic hormone) is the central regulating mechanism for the biological action of thyroid hormones. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid.

Uric Acid, Serum			
URIC ACID	5.23	mg/dL	3.5 - 7.2
Method : Uricase PAP			
Glucose Fasting Plasma			
GLUCOSE FASTING PLASMA	89	mg/dL	74 - 109
Method : Hexokinase			
Prostate Specific Antigen (PSA), Serum			
PSA (PROSTATE SPECIFIC ANTIGEN)	0.26	ng/mL	< 2.0
Method : Electrochemiluminescence Immunoassay (ECLIA)			
Remark			

\*\*END OF REPORT\*\*

Checked by Barun Jana Consultant Biochemist





DIAGNOSTICS		Ne			
Patient Name : MR. MANISH GARANI		Optional ID :	-		
Age / Gender : 43 years / Male Mobile No. : 9830139968 Patient ID : 76637		<b>Collection Tin</b>	Collection Time : 16/03/2024, 09:30 AM Receiving Time : 16/03/2024, 12:57 PM Reporting Time : 16/03/2024, 01:48 PM		
		Receiving Tim			
		Reporting Tim			
Bill ID : 79379		Sample ID : 19	Sample ID : 1924018698		
Referral : DR SELF		Sample Type : Serum			
Source : ALLIANCE & PROJECT					
Test Description	Value(s)	Unit(s)	Reference Range		
Lipid Profile					
TRIGLYCERIDES Method : Enzymatic Colorimetric Assay using GPO-POD	95	mg/dL	Normal : < 150 Borderline High : 150 - 19 High : 200 - 499 Very High : >= 500		
CHOLESTEROL Method : Enzymatic Colorimetric Assay using CHOD-POD	159	mg/dl	Desirable : < 200 Borderline High : 200 - 24 High Risk : > 240		
HDL CHOLESTEROL Method : Enzymatic Immunoinhibition	30	mg/dl	Low HDL:<40 High HDL:>= 60		
LDL CHOLESTEROL Method : Enzymatic Selective Protection	106	mg/dl	Optimal : < 100 Above Optimal : 100 - 129 Borderline High : 130 - 15 High : 160 - 189 Very High : > 190		
VLDL / CHOLESTEROL REMNANTS Method : Calculation	23	mg/dl	< 30		
NON HDL CHOLESTEROL Method : Calculation	129	mg/dl	<130		
TOTAL CHOLESTEROL / HDL CHOLESTEROL RATIO	5.30	Ratio			
LDL CHOLESTEROL / HDL CHOLESTEROL RATIO Remark :	3.53	Ratio			
* National Cholesterol Education Programme Adult Treat	ment Panel III G	Guidelines (US)			
Liver Function Test					
TOTAL BILIRUBIN Method : DPD	0.47	mg/dL	<1.2		
CONJUGATED BILIRUBIN Method : DPD	0.16	mg/dl	< 0.2		
UNCONJUGATED BILIRUBIN Method : Calculation	0.31	mg/dL			
SGPT Method : IFCC (without pyridoxal phosphate activation)	50	U/L	< 50		
SGOT	36	U/L	< 50		





Test Description	Value(s)	Unit(s) Reference Range
Source : ALLIANCE & PROJECT		
Referral : DR SELF		Sample Type : Serum
Bill ID : 79379		Sample ID : 1924018698
Patient ID : 76637		Reporting Time : 16/03/2024, 01:48 PM
Mobile No. : 9830139968		Receiving Time : 16/03/2024, 12:57 PM
Age / Gender : 43 years / Male		Collection Time: 16/03/2024, 09:30 AM
Patient Name : MR. MANISH GARANI		Optional ID: -
TABE TM Pulse TM DIAGNOSTICS		

Test Description	Value(s)	Unit(s)	Reference Range
ALKALINE PHOSPHATASE	83	U/L	30 - 120
Method : IFCC AMP Buffer	00	0,2	00 120
TOTAL PROTEIN	6.87	g/dL	6.6 - 8.3
Method : Biuret			
ALBUMIN	4.16	g/dL	Adults: 3.5 - 5.2
Method : Bromocresol Green			Newborn (1–4 days): 2.8 - 4.4
GLOBULIN	2.71	g/dL	1.80 - 3.60
Method : Calculation			
A/G RATIO	1.54		1.2 - 2
Method : Calculation			
GAMMA-GLUTAMYL TRANSFERASE	34	U/L	< 55
Method : IFCC			

\*\*END OF REPORT\*\*

Checked by Priya Manna Weenakshi Mohan Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631





e

TM DIAGNOSTICS	Neuberg S Pulse				
Patient Name : MR. MANISH GARANI		Optional ID: - Collection Time: 16/03/2024, 09:30 AM			
Age / Gender : 43 years / Male					
Mobile No. : 9830139968			Receiving Time: 16/03/2024, 12:57 PM		
Patient ID : 76637 Bill ID : 79379		Reporting Time : 16/03/2024, 03:35 PM Sample ID : 1924018698			
				Referral : DR SELF	Referral : DR SELF
Source : ALLIANCE & PROJECT					
Test Description	Value(s)	Unit(s)	Reference Range		
HbA1c HPLC					
HbA1c HPLC Method : High Performance Liquid Chromatography (HPLC)	5.2	%	Normal :< 5.7 Pre Diabetes:5.7 - 6.4 Diabetes :>= 6.5		
Estimated Average Glucose	103	mg/dL	70 - 116		

NOTE :

1. Glucose combines with haemoglobin(Hb) continuously and nearly irreversibly during life span of RBC(120 days); thus glycosylated Hb is proportional to mean plasma glucose level during the previous 2-3 months. Therefore A1c assay is a useful mean of evaluation of success of long term diabetic control by monitoring diabetic patient~s compliance with therapeutic regimen used and long-term blood glucose level control. Added advantage is its ability to predict progression of diabetic complications.

2. Presence of Hb variant may interfere with accurate estimation of HbA1c. Please do Hb HPLC test to identify Haemoglobinapathy if any and also do Glycated albumin or Fructosamine tests to assess glycemic status if required.

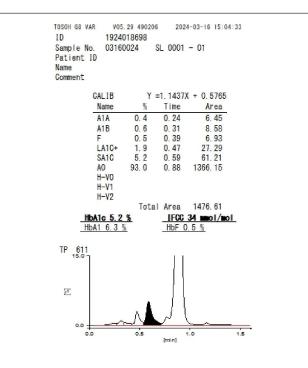
3. Inappropriately low value may be seen in anemia due to iron deficiency or due to other causes, acute blood loss, recent blood transfusion, hemoglobinopathies, CLD, Hypertriglyceridemia, intake of Vitamin E & C, Aspirin, Co-trimoxazole etc.



Reported By : -

Test Description	Value(s)	Unit(s) Reference Range	
Source : ALLIANCE & PROJECT			
Referral : DR SELF		Sample Type : Edta Blood	
Bill ID : 79379		Sample ID : 1924018698	
Patient ID : 76637		Reporting Time: 16/03/2024, 03:35 PM	
Mobile No. : 9830139968		Receiving Time: 16/03/2024, 12:57 PM	
Age / Gender: 43 years / Male		Collection Time: 16/03/2024, 09:30 AM	
Patient Name : MR. MANISH GARANI		Optional ID: -	
TM DIAGNOSTICS		Neuberg S Puls	

#### Chromatogram Report



16-03-2024 15:04:34 TOSOH

NEUBERG PULSE DIAGNOSTIC CENTRE 75,SARAT BOSE RD, KOL - 26 1/1

\*\*END OF REPORT\*\*



Reported By : -

est Description	Value(s)	Unit(s) Reference Range
Source : ALLIANCE & PROJECT		
Referral : DR SELF		Sample Type : Edta Blood
Bill ID : 79379		Sample ID : 1924018698
Patient ID: 76637	D: 76637 Reporting Time : 16/03/2024, 03:3	
Mobile No. : 9830139968		Receiving Time: 16/03/2024, 12:57 PM
Age / Gender : 43 years / Male		Collection Time: 16/03/2024, 09:30 AM
Patient Name : MR. MANISH GARANI		Optional ID: -
DIAGNOSTICS		DIAGNOSTICS
Dulne IM		Neuberg 🚫 Pul

Checked by Nisha Malakar المراسط Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631



Reported By : -



Patient Name : MR. MANISH GARAN Age / Gender : 43 years / Male Mobile No. : 9830139968 Patient ID : 76637 Bill ID : 79379 Referral : DR SELF Source : ALLIANCE & PROJECT



Optional ID: -

Collection Time : 16/03/2024, 09:14 AM Receiving Time : 16/03/2024, 03:30 PM Reporting Time : 16/03/2024, 03:35 PM Sample ID : 1924018698 Sample Type : 2D Echo

#### Echocardiography/TMT

M Mode Data : Parameter	Test Value	Normal Range (Adults)	Unit
Aortic Root Diameter	3.1	2.0 - 4.0	cm
Left atrial diameter	3.6	2.0 - 4.0	cm
RV internal diameter	2.3	2.0 - 4.0	cm
IV septal thickness (diastole)	1.3	0.60 - 1.10	cm
LV Internal diameter (diastole)	4.5	3.50 - 5.6	cm
Post. Wall thickness (diastole)	1.3	0.60 - 1.10	cm
Internal diameter (systole)	2.9	2.4 - 4.20	cm
LV Ejection fraction	65	55 – 75	%

#### LV shows :

Concentric LVH. No RWMA . Grade I diastolic dysfunction. E/E-9 . Good LV systolic function with LVEF - 65 %. Normal RVSF. Trivial MR & TR (23 mmHg). No PE/PAH. IVC normal in size, collapsing well.

### **IMPRESSION :**

Concentric LVH. Good bi-ventricular function. Grade I diastolic dysfunction. Trivial MR & TR. No PR/PAH.





Patient Name : MR. MANISH GARAN Age / Gender : 43 years / Male Mobile No. : 9830139968 Patient ID : 76637 Bill ID : 79379 Referral : DR SELF Source : ALLIANCE & PROJECT



Optional ID: -

Collection Time : 16/03/2024, 09:14 AM Receiving Time : 16/03/2024, 03:30 PM Reporting Time : 16/03/2024, 03:35 PM Sample ID : 1924018698 Sample Type : 2D Echo

\*\*END OF REPORT\*\*

Achinay Tibdewal MD, DM (Cardiologist) Regn. No.: WBMC 85811

Checked by Jharna Halder









Optional ID : -Collection Time : 16/03/2024, 09:14 a.m. Receiving Time : 16/03/2024, 10:14 a.m. Reporting Time : 16/03/2024, 10:20 a.m. Sample ID : 1924018698 Sample Type : USG

#### USG Whole Abdomen

# **ULTRASONOGRAPHY OF WHOLE ABDOMEN**

#### LIVER

**Is enlarged in size (171mm) and increased parenchymal echotexture.** No focal lesion is seen. Intrahepatic billiary radicles are not seen dilated. Hepatic & Portal venous systems appear normal. Portal vein 8 mm.in calibre.

# GALL BLADDER

Is seen normal in size, shape, outline, position & wall thickness. No intraluminal calculus or any mass lesion is seen. No pericholecystic fluid collection is seen.

### CBD

Is not seen dilated and measures 3 mm.

# PANCREAS

Is normal in size, shape, outline and echotexture. No definite focal lesion is evident. Pancreatic duct is not seen dilated. No tenderness is seen over the region.

#### SPLEEN

Is normal in shape, size, position and echotexture. No focal lesion is seen. No abnormal vessels are seen at the splenic hilum. Spleen measures 88 mm. in length.

#### **KIDNEYS**

Are normal in size, position, outline and echogenicity with maintained cortico-medullary differentiation. No focal lesion is seen involving either kidney. Central echocomplexes of both kidneys appear normal. There is no evidence of hydronephrosis or calculus.

Right kidney measures 109 mm.

Left kidney measures 111 mm.

# URETERS

Ureters are not seen dilated.



Reported By : Minakashmi Patra Sarkar





Optional ID : -Collection Time : 16/03/2024, 09:14 a.m. Receiving Time : 16/03/2024, 10:14 a.m. Reporting Time : 16/03/2024, 10:20 a.m. Sample ID : 1924018698 Sample Type : USG

# URINARY BLADDER

Patient ID : 76637

Referral : DR SELF

Bill ID : 79379

Urinary bladder appears suboptimally distended. It appears smooth in outline. No mass lesion or any calculus is seen within the urinary bladder. Post void shows ml residual urine.

# PROSTATE

Prostate is seen normal in size, outline and echotexture. No definite focal parenchymal lesion is seen. Prostatic capsule is intact. Prostate measures 37 x 35 x 34 mm and weights 23 gm.

No evidence of ascities, pleural effusion or abdominal lymphadenopathy.

#### **IMPRESSION**

#### • Mild hepatomegaly with mild hepatosteatosis.

\*\*END OF REPORT\*\*

Dr. Sandip Kr. Paria MD, DNB(Radiodiagnosis)

Checked by Priyanka Chatterjee



DIAGNOSTICS		Ne		
Patient Name : MR. MANISH GARANI		Optional ID :	-	
Age / Gender : 43 years / Male		<b>Collection Tin</b>	Collection Time : 16/03/2024, 09:30 AM	
Mobile No. : 9830139968		Receiving Time : 16/03/2024, 12:57 PM		
Patient ID : 76637		Reporting Tim	Reporting Time : 16/03/2024, 01:38 PM	
<b>Bill ID</b> : 79379	Sample		<b>D</b> : 1924018698	
Referral : DR SELF		Sample Type : Serum		
Source : ALLIANCE & PROJECT				
Test Description	Value(s)	Unit(s)	Reference Range	
Total Proteins, Serum				
TOTAL PROTEIN	6.87	g/dl	6.6 - 8.3	
Method : Biuret				
ALBUMIN	4.16	g/dl	Adults: 3.5 - 5.2	
Method : Bromocresol green			Newborn(0-4days): 2.8 - 4	
GLOBULIN	2.71	g/dl	1.8 - 3.6	
Method : Calculation				
	1.54	1.2	- 2.0	
A/G RATIO	1.04			
	1.54			

Checked By Debolina Bhadra Weenakshi Mohan Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631





DIAGNOSTICS		Ne	
Patient Name : MR. MANISH GARANI	Optional ID: - Collection Time:16/03/2024, 09:30 AM Receiving Time:16/03/2024, 12:57 PM		-
Age / Gender : 43 years / Male			
Mobile No. : 9830139968			
Patient ID: 76637		Reporting Time : 16/03/2024, 03:20 PM Sample ID : 1924018698	
Bill ID : 79379			
Referral : DR SELF		Sample Type	
Source : ALLIANCE & PROJECT			
		Linit(a)	Deference Dange
Fest Description	Value(s)	Unit(s)	Reference Range
Urine Fasting Sugar			
JRINE FOR SUGAR			
Result	Absent		
Urine Routine			
PHYSICAL EXAMINATION			
/olume	35 ml		
Colour	Straw		
Appearance	Slightly hazy		
Deposit	Present		
Specific Gravity	1.025		
CHEMICAL EXAMINATION			
Reaction	Acidic (PH: 5.0)		
Protein	Absent		
Sugar	Absent		
Ketones Bodies	Absent		
Jrobilinogen	Normal		
Blood	Absent		
MICROSCOPIC EXAMINATION			
Pus Cells	1 - 2 /hpf		
R.B.C	Not found		
Epithelial Cells	1 - 2 /hpf		
Casts	Not found		
Crystals	Not found		
METHOD : SEDIMENTATION AND MICROSCOPE			

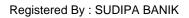
The tests results are dependent on the quality of the sample received by the Laboratory.

The test results are released with the presumption that the specimen/sample belongs to the patient as mentioned on the bill/ vials/TRF/booking ID Laboratory investigations test results are only a tool to facilitate in arriving at a diagnosis and should always be clinically correlated by the Referring Physician.

Repeat samples/specimens are accepted on request of Referring Physician within 7 days of reporting.



Reported By : -





Test Description	Value(s)	Unit(s) Reference Range	
Source : ALLIANCE & PROJECT			
Referral : DR SELF		Sample Type : Edta Blood	
Bill ID : 79379		Sample ID : 1924018698	
Patient ID: 76637		Reporting Time: 16/03/2024, 03:20 PM	
Mobile No. : 9830139968		Receiving Time : 16/03/2024, 12:57 PM	
Age / Gender : 43 years / Male		Collection Time : 16/03/2024, 09:30 AM	
Patient Name : MR. MANISH GARANI		Optional ID: -	
DIAGNOSTICS			

Due to some unforeseen circumstances reports may be delayed. Inconvenience is regretted.

Test result may show inter laboratory variations.

The test results are not valid for medico legal purposes.

#### **Complete Blood Count**

Complete blood Coulit				
HAEMOGLOBIN	15.8	gm/dl	13 - 17	
TOTAL LEUCOCYTE COUNT	6800	/cumm	4000 - 11000	
НСТ	47.0	Vol%	40 - 50	
RBC	5.31	millions/cumm	4.2 - 5.5	
MCV	88.5	Femtolitre(fl)	80 - 100	
МСН	29.8	Picograms(pg)	27 - 31	
МСНС	33.6	gm/dl	32 - 36	
PLATELET COUNT	2,75,000	/cumm	150000 - 450000	
DIFFERENTIAL COUNT				
Neutrophils	59	%	40 - 75	
Lymphocytes	33	%	20 - 40	
Monocytes	03	%	2 - 8	
Eosinophils	05	%	1 - 6	
Basophils	00	%	0 - 1	
ESR	02	mm	2 - 17	
Remarks	Normocytic Normocl Platelets adequate.	hromic.		
Note				
XN 1000, SYSMEX				
METHOD : FLOWCYTOMETRY				

ESR : AUTOMATED VESCUBE - 30 TOUCH

\*\*END OF REPORT\*\*

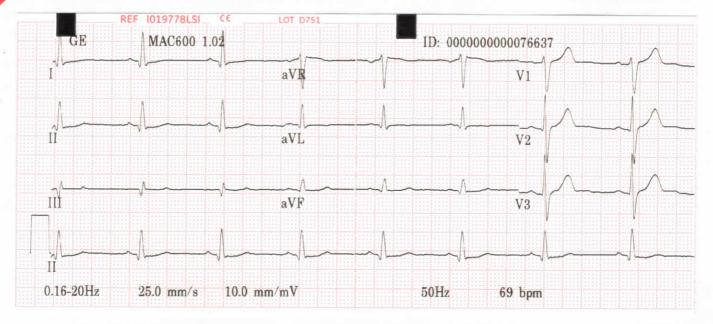
Checked by Rupam Chatterjee المحصطة Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631

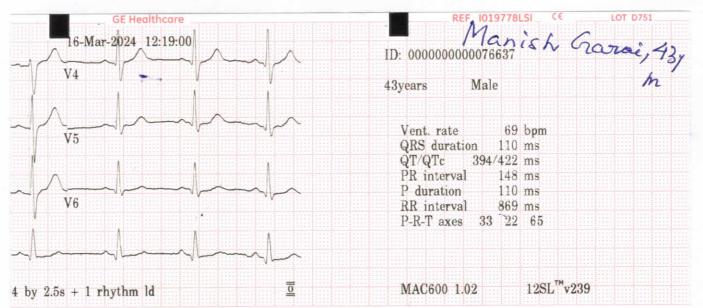


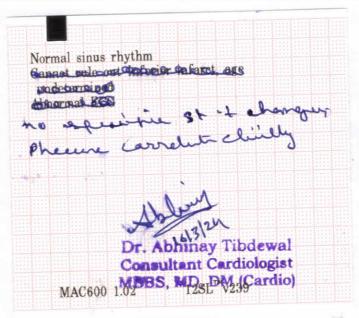












Pulse Diagnostics Pvt. Ltd. 75, Sarat Bose Road, Kolkata - 700 026 | CIN : U85195WB2001PTC093142

Patient Name :	MR. MANISH GARANI	Patient ID :	D-79379
Modality :	DX	Sex :	М
Age :	043Y	Study :	CHEST PA
Reff. Dr. :	DR. SELF	Study Date :	16-03-2024

#### **X-RAY CHEST PA VIEW**

Bilateral vascular markings are prominent. Bilateral costophrenic angles are unremarkable. Bilateral hila are unremarkable. Domes of diaphragm are normal in morphology and contour. Cardiac size is within normal limits. Bony thoracic cage appears normal.

Recommended clinical correlation with other investigation,,

Marsen Kumpr Th

Dr. Manish Kumar Jha MBBS, MD (Radio-diagnosis) Registration No. 77237 (WBMC)