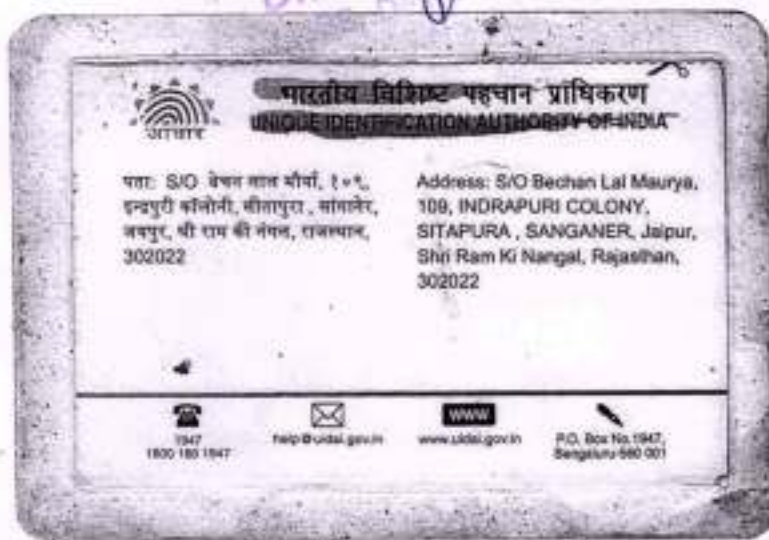




Dr. PIYUSH GOYAL  
(Radiologist)





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## General Physical Examination

Date of Examination: 18/07/24

Name: ASHWINI KUMAR MAURYA Age: 36 YRS DOB: 05/03/1988 Sex: Male

Referred By: BANK OF BARODA

Photo ID: AADHAR CARD ID #: 8818

Ht: 177 (cm)

Wt: 70 (Kg)

Chest (Expiration): 96 (cm)

Abdomen Circumference: 91 (cm)

Blood Pressure: 120/80 mm Hg PR: 73/min RR: 18/min Temp: Afebrile

BMI 22.9


Eye Examination: R/E - GIC, NIG, NCO  
L/E - GIC, NIG, NCO

Other: No

On examination he/she appears physically and mentally fit: Yes/No

Signature Of Examinee : 

Name of Examinee: ASHWINI KUMAR MAURYA

Signature Medical Examiner : 

Name Medical Examiner DR. PIYUSH GOYAL

**DR. PIYUSH GOYAL**  
MBBS, DMRD (Radiologist)  
RMC No. -037041



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<b>NAME :- Mr. ASHWINI KUMAR MAURYA</b>	Patient ID :-12234910	Date :- 18/03/2024	12:22:32
Age :- 36 Yrs 13 Days	Ref. By Doctor:-BANK OF BARODA		
Sex :- Male	Lab/Hosp :-		
	Company :- Mr.MEDIWHEEL		

Final Authentication : 18/03/2024 17:55:45

## HAEMOGARAM

### HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
<b>FULL BODY HEALTH CHECKUP BELOW 40 MALE</b>			
<b>HAEMOGLOBIN (Hb)</b>	14.1	g/dL	13.0 - 17.0
<b>TOTAL LEUCOCYTE COUNT</b>	6.10	/cumm	4.00 - 10.00
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>			
NEUTROPHIL	58.0	%	40.0 - 80.0
LYMPHOCYTE	35.0	%	20.0 - 40.0
EOSINOPHIL	2.0	%	1.0 - 6.0
MONOCYTE	5.0	%	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
<b>TOTAL RED BLOOD CELL COUNT (RBC)</b>	4.59	$\times 10^6/\mu\text{L}$	4.50 - 5.50
<b>HEMATOCRIT (HCT)</b>	43.30	%	40.00 - 50.00
<b>MEAN CORP VOLUME (MCV)</b>	94.0	fL	83.0 - 101.0
<b>MEAN CORP HB (MCH)</b>	30.7	pg	27.0 - 32.0
<b>MEAN CORP HB CONC (MCHC)</b>	32.6	g/dL	31.5 - 34.5
<b>PLATELET COUNT</b>	169	$\times 10^3/\mu\text{L}$	150 - 410
<b>RDW-CV</b>	13.6	%	11.6 - 14.0



Technologist  
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Page No: 1 of 15

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Date :- 18/03/2024

12:22:32

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Company :- Mr.MEDIWHEEL

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## HAEMATOLOGY

**Erythrocyte Sedimentation Rate (ESR)**

Method - Westergren

14

mm in 1st hr

00 - 15

The erythrocyte sedimentation rate (ESR or sed rate) is a relatively simple, inexpensive, non-specific test that has been used for many years to help detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases. ESR is said to be a non-specific test because an elevated result often indicates the presence of inflammation but does not tell the health practitioner exactly where the inflammation is in the body or what is causing it. An ESR can be affected by other conditions besides inflammation. For this reason, the ESR is typically used in conjunction with other tests, such as C-reactive protein. ESR is used to help diagnose certain specific inflammatory diseases, including temporal arteritis, systemic vasculitis and polymyalgia rheumatica. (For more on these, read the article on Vasculitis.) A significantly elevated ESR is one of the main test results used to support the diagnosis. This test may also be used to monitor disease activity and response to therapy in both of the above diseases as well as



Technologist  
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Page No: 2 of 15

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(CBC): Methodology: TLC,DLC Fluorescent Flow cytometry, HB SLS method,TRBC,PCV,PLT Hydrodynamically focused Impedance, and MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: Sysmex 6 part fully automatic analyzer XN-L,Japan





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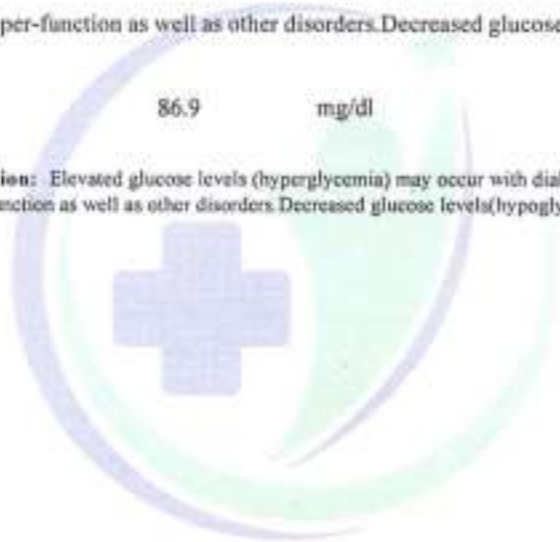
## BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) <small>Method:- GOD POD</small>	75.1	mg/dl	70.0 - 115.0
Impaired glucose tolerance (IGT)	111 - 125 mg/dL		
Diabetes Mellitus (DM)	> 126 mg/dL		

Instrument Name: HORIBA CA60 Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases .

BLOOD SUGAR PP (Plasma) <small>Method:- GOD PAP</small>	86.9	mg/dl	70.0 - 140.0
--	------	-------	--------------

Instrument Name: HORIBA Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases .



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## HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
-----------	-------	------	-------------------------

### GLYCOSYLATED HEMOGLOBIN (HbA1C)

Method:- CAPILLARY with EDTA

5.3

mg%

Non-Diabetic < 6.0  
Good Control 6.0-7.0  
Weak Control 7.0-8.0  
Poor control > 8.0

### MEAN PLASMA GLUCOSE

Method:- Calculated Parameter

104

mg/dL

68 - 125

### INTERPRETATION

AS PER AMERICAN DIABETES ASSOCIATION (ADA)

Reference Group HbA1c in %

Non diabetic adults  $\geq 18$  years < 5.7

At risk (Prediabetes) 5.7 - 6.4

Diagnosing Diabetes  $\geq 6.5$

#### CLINICAL NOTES

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycaemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 5-8 weeks) and therefore provides much more reliable information for glycaemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-8 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

Some of the factors that influence HbA1c and its measurement (Adapted from Gallagher et al)

#### 1. Erythropoiesis

- Increased HbA1c: iron, vitamin B12 deficiency, decreased erythropoiesis
- Decreased HbA1c: administration of erythropoietin, iron, vitamin B12, reticulocytosis, chronic liver disease

#### 2. Altered Haemoglobin-Genetic or chemical alterations in hemoglobin: hemoglobinopathies, hbp, methemoglobin, may increase or decrease HbA1c

#### 3. Glycation

- Increased HbA1c: alcoholism, chronic renal failure, decreased intracellular pH
- Decreased HbA1c: certain hemoglobinopathies, increased intra-erythrocyte pH

#### 4. Erythrocyte destruction

- Increased HbA1c: increased erythrocyte life span: Splenectomy
- Decreased HbA1c: decreased RBC life span: hemoglobinopathies, splenomegaly, rheumatoid arthritis or drugs such as antiretrovirals, ribavirin & dapsone

#### 5. Others

- Increased HbA1c: hyperbilirubinemia, carbamylated hemoglobin, alcoholism, large doses of aspirin, chronic opiate use, chronic renal failure
- Decreased HbA1c: hypertriglyceridemia, reticulocytosis, chronic liver disease, aspirin, vitamin C and E, splenomegaly, rheumatoid arthritis or drugs

Technologist

MGR  
Page No: 5 of 15

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**NAME :- Mr. ASHWINI KUMAR MAURYA**

Age :- 36 Yrs 13 Days

Sex :- Male

Patient ID :-42234910

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :- Mr.MEDIWHEEL

Date :- 18/03/2024 12:22:32

Final Authentication : 18/03/2024 17:55:45

## HAEMATOLOGY

**BLOOD GROUP ABO**

Method:- Haemagglutination reaction

"A" POSITIVE



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MGR  
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## BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
<b>LIPID PROFILE</b>			
TOTAL CHOLESTEROL Method:- CHOD-PAP methodology	111.00	mg/dl	Desirable <200 Borderline 200-239 High > 240
<i>InstrumentName: MISPA PLUS Interpretation: Cholesterol measurements are used in the diagnosis and treatments of lipid lipoprotein metabolism disorders.</i>			
TRIGLYCERIDES Method:- GPO-PAP	94.40	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500
<i>InstrumentName: Randox Rx Imola Interpretation: Triglyceride measurements are used in the diagnosis and treatment of diseases involving lipid metabolism and various endocrine disorders e.g. diabetes mellitus, nephrosis and liver obstruction.</i>			
DIRECT HDL CHOLESTEROL Method:- Direct clearance Method	42.20	mg/dl	MALE- 30-70 FEMALE - 30-85
<i>Instrument Name: Rx Daytona plus Interpretation: An inverse relationship between HDL-cholesterol (HDL-C) levels in serum and the incidence/prevalence of coronary heart disease (CHD) has been demonstrated in a number of epidemiological studies. Accurate measurement of HDL-C is of vital importance when assessing patient risk from CHD. Direct measurement gives improved accuracy and reproducibility when compared to precipitation methods.</i>			
LDL CHOLESTEROL Method:- Calculated Method	53.07	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Method:- Calculated	18.88	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Method:- Calculated	2.63		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Method:- Calculated	1.26		0.00 - 3.50
TOTAL LIPID Method:- CALCULATED	363.81 L	mg/dl	400.00 - 1000.00
<p>1. Measurements in the same patient can show physiological&amp; analytical variations. These serialsamples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL&amp; LDL Cholesterol</p> <p>2. As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is</p>			

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## BIOCHEMISTRY

*recommended*

3 Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues



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## BIOCHEMISTRY

### LIVER PROFILE WITH GGT

SERUM BILIRUBIN (TOTAL.) Method:- DMSO/Diaz	0.56	mg/dL	Infants : 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Method:- DMSO/Diaz	0.21	mg/dL	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Method:- Calculated	0.35	mg/dl	0.30-0.70
SGOT Method:- IFCC	10.0	U/L	0.0 - 40.0
SGPT Method:- IFCC	16.5	U/L	0.0 - 40.0
SERUM ALKALINE PHOSPHATASE Method:- DGKC - SCE	87.20	U/L	53.00 - 141.00
SERUM GAMMA GT Method:- Scaze methodology Instrument Name Randex Rx Imola Interpretation: Elevations in GGT levels occur earlier and more pronounced than those with other liver enzymes in cases of obstructive jaundice and metastatic neoplasms. It may reach 5 to 30 times normal levels in intra- or post-hepatic biliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times normal) are observed with infectious hepatitis.	32.20	U/L	10.00 - 45.00
SERUM TOTAL PROTEIN Method:- Direct Biotex Reagent	6.56	g/dl	6.00 - 8.40
SERUM ALBUMIN Method:- Bromocresol Green	4.21	g/dl	3.50 - 5.50
SERUM GLOBULIN Method:- CALCULATION	2.35	gm/dl	2.20 - 3.50
A/G RATIO	1.79		1.30 - 2.50

**Interpretation :** Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

**Note :-** These are group of tests that can be used to detect the presence of liver disease, distinguish among different types of liver disorders, gauge the extent of known liver damage, and monitor the response to treatment. Most liver diseases cause only mild symptoms initially, but these diseases must be detected early. Some tests are associated with functionality (e.g., albumin), some with cellular integrity (e.g., transaminase), and some with conditions linked to the biliary tract (gamma-glutamyl transaminase and alkaline phosphatase). Conditions with elevated levels of ALT and AST include hepatitis A,B,C, paracetamol toxicity etc. Several biochemical tests are useful in the evaluation and management of patients with hepatic dysfunction. Some or all of these measurements are also carried out (usually about twice a year for routine cases) on those individuals taking certain medications, such as anticonvulsants, to ensure that the medications are not adversely impacting the person's liver.

**Technologist**  
MGR  
Page No: 9 of 15

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## BIOCHEMISTRY

### RFT / KFT WITH ELECTROLYTES

SERUM UREA	33.20	mg/dl	10.00 - 50.00
<small>Method:- Urease/GLDH</small>			

**InstrumentName:** HORIBA CA 60 **Interpretation :** Urea measurements are used in the diagnosis and treatment of certain renal and metabolic diseases.

SERUM CREATININE	0.80	mg/dl	Males : 0.6-1.50 mg/dl Females : 0.6 -1.40 mg/dl
<small>Method:- Jaffe's Method</small>			

**Interpretation :** Creatinine is measured primarily to assess kidney function and has certain advantages over the measurement of urea. The plasma level of creatinine is relatively independent of protein ingestion, water intake, rate of urine production and exercise. Depressed levels of plasma creatinine are rare and not clinically significant.

SERUM URIC ACID	5.21	mg/dl	2.40 - 7.00
-----------------	------	-------	-------------

**InstrumentName:** HORIBA YUMIZEN CA60 **Daysona plus Interpretation:** Elevated Urate:High purine diet,Alcohol, Renal insufficiency,Drugs , Polycythaemia vera, Malignancies,Hypothyroidism,Rare enzyme defects ,Downs syndrome,Metabolic syndrome, Pregnancy,Gout.

SODIUM	137.6	mmol/L	135.0 - 150.0
<small>Method:- ISE</small>			

POTASSIUM	4.21	mmol/L	3.50 - 5.50
<small>Method:- ISE</small>			

CHLORIDE	101.0	mmol/L	94.0 - 110.0
<small>Method:- ISE</small>			

SERUM CALCIUM	9.65	mg/dl	8.80 - 10.20
<small>Method:- Arsenazo III Method</small>			

**InstrumentName:** MISPA PLUS **Interpretation:** Serum calcium levels are believed to be controlled by parathyroid hormone and vitamin D. Increases in serum PTH or vitamin D are usually associated with hypercalcemia .Hypocalcemia may be observed in hypoparathyroidism, nephrosis and pancreatitis.

SERUM TOTAL PROTEIN	6.56	g/dl	6.00 - 8.40
<small>Method:- Direct Biuret Reagent</small>			

SERUM ALBUMIN	4.21	g/dl	3.50 - 5.50
<small>Method:- Bromocresol Green</small>			

SERUM GLOBULIN	2.35	gm/dl	2.20 - 3.50
<small>Method:- CALCULATION</small>			

A/G RATIO	1.79		1.30 - 2.50
-----------	------	--	-------------

**Interpretation :** Measurements obtained by this method are used in the diagnosis and treatment of a variety of dis... liver, kidney and

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Page No: 10 of 15



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## BIOCHEMISTRY

bone marrow as well as other metabolic or nutritional disorders.

### INTERPRETATION

Kidney function tests are group of tests that can be used to evaluate how well the kidneys are functioning. Creatinine is a waste product that comes from protein in the diet and also comes from the normal wear and tear of muscles of the body. In blood, it is a marker of GFR. In urine, it can remove the need for 24-hour collections for many analytes or be used as a quality assurance tool to assess the accuracy of a 24-hour collection. Higher levels may be a sign that the kidneys are not working properly. As kidney disease progresses, the level of creatinine and urea in the blood increases. Certain drugs are nephrotoxic hence KFT is done before and after initiation of treatment with these drugs.

Low serum creatinine values are rare, they almost always reflect low muscle mass.

Apart from renal failure Blood Urea can increase in dehydration and GI bleed



Technologist  
MGR  
Page No: 11 of 15

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Sex :- Male	Lab/Hosp :-		
	Company :- Mr.MEDIWHEEL		

Final Authentication : 18/03/2024 17:56:46

## CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
<b>Urine Routine</b>			
<b>PHYSICAL EXAMINATION</b>			
COLOUR	PALE YELLOW		PALE YELLOW
APPEARANCE	Clear		Clear
<b>CHEMICAL EXAMINATION</b>			
REACTION(PH)	5.5		5.0 - 7.5
SPECIFIC GRAVITY	1.015		1.010 - 1.030
PROTEIN	NIL		NIL
SUGAR	NIL		NIL
BILIRUBIN	NEGATIVE		NEGATIVE
UROBILINOGEN	NORMAL		NORMAL
KETONES	NEGATIVE		NEGATIVE
NITRITE	NEGATIVE		NEGATIVE
<b>MICROSCOPY EXAMINATION</b>			
RBC/HPF	NIL	/HPF	NIL
WBC/HPF	2-3	/HPF	2-3
EPITHELIAL CELLS	2-3	/HPF	2-3
CRYSTALS/HPF	ABSENT		ABSENT
CAST/HPF	ABSENT		ABSENT
AMORPHOUS SEDIMENT	ABSENT		ABSENT
BACTERIAL FLORA	ABSENT		ABSENT
YEAST CELL	ABSENT		ABSENT
OTHER	ABSENT		ABSENT

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Page No: 12 of 15

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12:22:32

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :- Mr.MEDIWHEEL

Final Authentication : 18/03/2024 17:55:46

## CLINICAL PATHOLOGY

URINE SUGAR (FASTING)  
Collected Sample Received

Nil

Nil



Technologist  
MGR  
Page No: 13 of 15

*Tanu*  
**DR.TANU RUNGTA**  
MD (Pathology)  
RMC No. 17226



# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

B-14, Vidhyadhar Enclave-II, Near Axis Bank  
Central Spine, Vidhyadhar Nagar, Jaipur - 302023  
+91 141 4824885 maxcarediagnostics1@gmail.com



<b>NAME :- Mr. ASHWINI KUMAR MAURYA</b>	Patient ID :-12234910	Date :- 18/03/2024	12:22:32
Age :- 36 Yrs 13 Days	Ref. By Doctor:-BANK OF BARODA		
Sex :- Male	Lab/Hosp :-		
	Company :-	Mr.MEDIWHEEL	

Final Authentication : 18/03/2024 17:55:46

## TOTAL THYROID PROFILE

### IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
<b>THYROID-TRIiodOTHYRONINE T3</b> Method- Chemiluminescence	0.99	ng/m	0.87 - 1.78
<b>THYROID - THYROXINE (T4)</b> Method- Chemiluminescence	4.96	ug/dl	4.82 -15.65
<b>TSH</b> Method- Chemiluminescence 4th Generation Assay,Reference ranges vary between laboratories	1.604	uIU/ml	0.380 - 5.330

### PREGNANCY - REFERENCE RANGE for TSH IN uIU/mL (As per American Thyroid Association)

1st Trimester : 0.10-2.50 uIU/mL  
2nd Trimester : 0.20-3.00 uIU/mL  
3rd Trimester : 0.30-3.00 uIU/mL

The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy.

NOTE-TSH levels are subject to circadian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration. Dose and time of drug intake also influence the test result.

### INTERPRETATION

- 1.Primary hyperthyroidism is accompanied by ↑serum T3 & T4 values along with ↓ TSH level.
- 2.Primary hypothyroidism is accompanied by ↓ serum T3 and T4 values & ↑serum TSH levels
- 3.Normal T4 levels accompanied by ↑ T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis
- 4.Normal or ↓ T3 & ↑T4 levels indicate T4 Thyrotoxicosis ( problem is conversion of T4 to T3)
- 5.Normal T3 & T4 along with ↓ TSH indicate mild / Subclinical Hyperthyroidism

COMMENTS: Assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test.

Disclaimer-TSH is an important marker for the diagnosis of thyroid dysfunction. Recent studies have shown that the TSH distribution progressively shifts to a higher concentration with age, and it is debatable whether this is due to a real change with age or an increasing proportion of unrecognized thyroid disease in the elderly.

Reference ranges are from Teitz fundamental of clinical chemistry 8th ed (2018)

Test performed by instrument : Beckman coulter Dxi 800

Note: The result obtained relate only to the sample given/ received & tested. A single test result is not always indicative of a disease, it has to be correlated with clinical data for interpretation.

\*\*\* End of Report \*\*\*

Technologist  
MGR  
Page No: 15 of 15

*Tanu*  
**DR.TANU RUNGTA**  
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MR. ASHWINI KUMAR MAURYA	36 Y/M
Registration Date: 18/03/2024	Ref. by: BANK OF BARODA

## CHEST X-RAY (PA VIEW)

Bilateral lung fields appear clear.

Bilateral costo-phrenic angles appear clear.

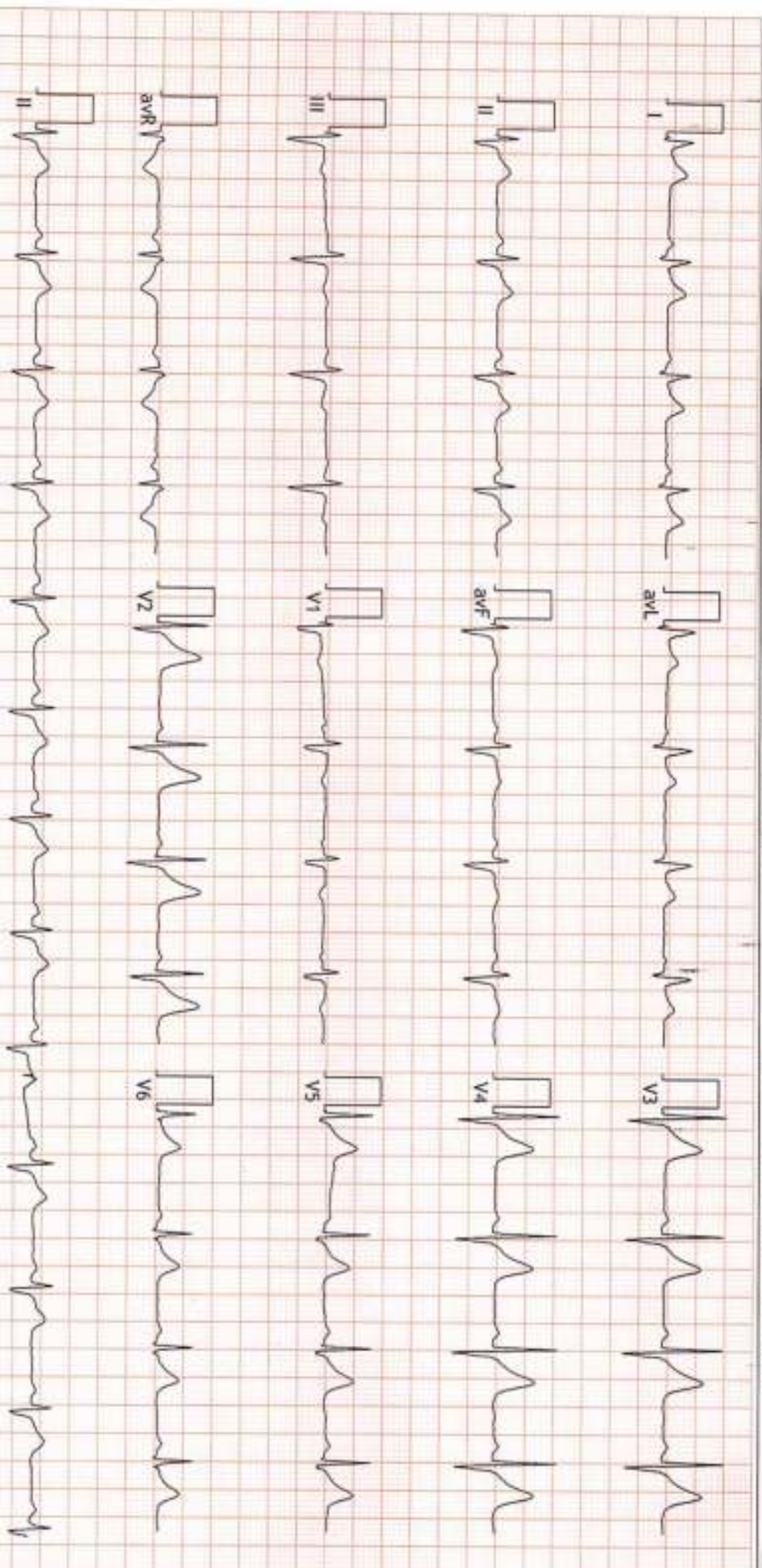
Cardiothoracic ratio is normal.

Thoracic soft tissue and skeletal system appear unremarkable.

Soft tissue shadows appear normal.

**IMPRESSION: No significant abnormality is detected**

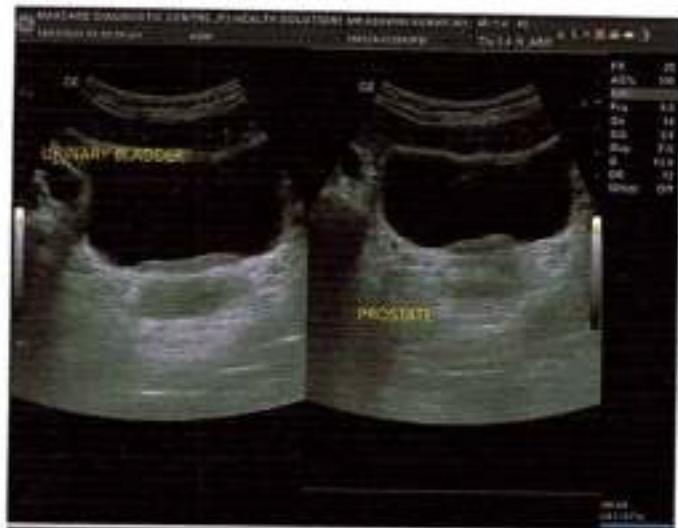
**DR. SHALINI GOEL**  
M.B.B.S, D.N.B (Radiodiagnosis)  
RMC no.: 21954



**FINDINGS:** Normal Sinus Rhythm  
 Vent Rate : 73 bpm; PR Interval : 168 ms; QRS Duration: 104 ms; QT/QTc Int : 346/382 ms  
 P-QRS-T axis: 33, -41, 20 (Deg)  
 Comments :

7/3/24

**Dr. Anaresh Kumar Mohanka**  
 RMC No.: 35703  
 RMC No. 35703  
 DIP CARDIO (ESCORTS)  
 D.E.M. (RCGP-UK)





# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

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MR. ASHWINI KUMAR MAURYA	36 Y/M
Registration Date: 18/03/2024	Ref. by: BANK OF BARODA

## ULTRASOUND OF WHOLE ABDOMEN

**Liver** is of normal size (11.0 cm). Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated. Portal vein diameter is normal.

**Gall bladder** is partially distended. Common bile duct is not dilated.

**Pancreas** is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.

**Spleen** is of normal size and shape (10.0 cm). Echotexture is normal. No focal lesion is seen.

**Kidneys** are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. Collecting system does not show any calculus or dilatation.

**Right kidney** is measuring approx. 9.9 x 4.8 cm.

**Left kidney** is measuring approx. 11.1 x 4.4 cm.

**Urinary bladder** is well distended and does not show any calculus or mass lesion.

**Prostate** is normal in size with normal echotexture and outline.

No enlarged nodes are visualized. No retro-peritoneal lesion is identified.

No significant free fluid is seen in pelvis.

**IMPRESSION:- No significant abnormality is detected.**



DR. SHALINI GOEL

M.B.B.S, D.N.B (Radiodiagnosis)

RMC no.: 21954

**Dr. SHALINI GOEL**  
**MBBS, DNB (Radiologist)**  
**RMC No. 21954**  
**P-3 Health Solutions LLP**



# P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

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MR. ASHWINI KUMAR MAURYA	36 Y/M
Registration Date: 18/03/2024	Ref. by: BANK OF BARODA

2D-ECHOCARDIOGRAPHY M.MODE WITH DOPPLER STUDY:  
FAIR TRANSTHORACIC ECHOCARDIOGRAPHIC WINDOW MORPHOLOGY:

MITRAL VALVE	NORMAL	TRICUSPID VALVE	NORMAL
AORTIC VALVE	NORMAL	PULMONARY VALVE	NORMAL

M.MODE EXAMINATION:

AO	2.8	Cm	LA	2.7	cm	IVS-D	1.1	cm
IVS-S	1.4	cm	LVID	3.7	cm	LVSD	2.9	cm
LVPW-D	0.8	cm	LVPW-S	1.3	cm	RV		cm
RVWT		cm	EDV		ml	LVWS		ml
LVEF	55-60%		RWMA			ABSENT		

CHAMBERS:

LA	NORMAL	RA	NORMAL
LV	NORMAL	RV	NORMAL
PERICARDIUM	NORMAL		

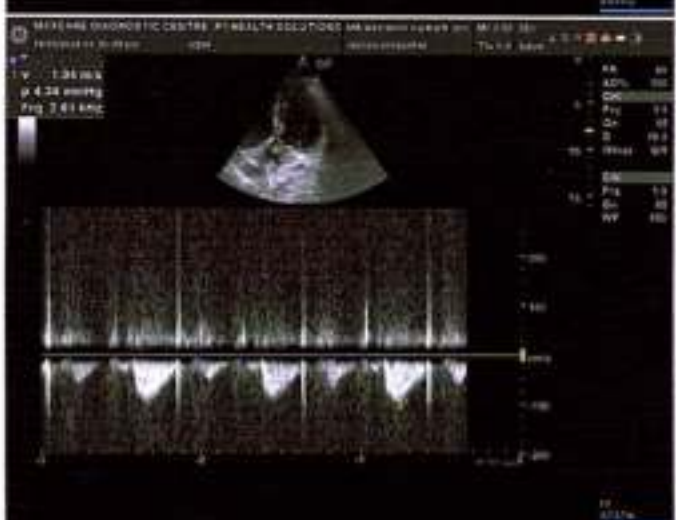
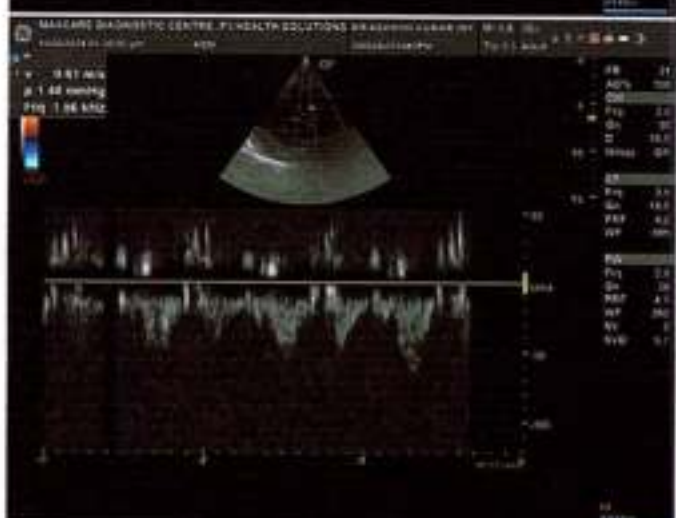
COLOUR DOPPLER:

MITRAL VALVE				
E VELOCITY	0.71	m/sec	PEAK GRADIENT	Mm/hg
A VELOCITY	0.58	m/sec	MEAN GRADIENT	Mm/hg
MVA BY PHT		Cm2	MVA BY PLANIMETRY	Cm2
MITRAL REGURGITATION		ABSENT		
AORTIC VALVE				
PEAK VELOCITY	1.04	m/sec	PEAK GRADIENT	mm/hg
AR VMAX		m/sec	MEAN GRADIENT	mm/hg
AORTIC REGURGITATION		ABSENT		
TRICUSPID VALVE				
PEAK VELOCITY		m/sec	PEAK GRADIENT	mm/hg
MEAN VELOCITY		m/sec	MEAN GRADIENT	mm/hg
VMax VELOCITY				
TRICUSPID REGURGITATION		MILD		
PULMONARY VALVE				
PEAK VELOCITY	0.61	M/sec.	PEAK GRADIENT	Mm/hg
MEAN VELOCITY			MEAN GRADIENT	Mm/hg
PULMONARY REGURGITATION		ABSENT		

Impression—

- NORMAL LV SIZE & CONTRACTILITY.
- NO RWMA, LVEF 55-60%.
- MILD TR/ PAH (RVSP 24 MMHG+ RAP).
- NORMAL DIASTOLIC FUNCTION.
- NO CLOT, NO VEGETATION, NO PERICARDIAL EFFUSION.

(Cardiologist)





12234810 ASHWINI KUMAR MAURHA 36 YRS , MEDHWHEEL M  
18 MAR 2024  
TRIMBLE OTC DIAGNOSTIC ASSOCIATES OF RI HEALTH SOLUTIONS LLP