

Booking Confirmed Request(bobS47012),Package Code-PKG10000248, Beneficiary Code-60273

wellness@mediwheel.in>

AM

info.sarjapur@narayanahealth.org>

@mediwheel.in <customercare@mediwheel.in>

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011-41195959

Email:wellness@mediwheel.in

Hi **Narayana Multispeciality Clinic**,

Diagnostic/Hospital Location :83/3 Doddakanneli,Sarjapur,Main Road , Near Wipro Gate-560035, City:Bangalore

We have received the confirmation for the following booking .

**Beneficiary Name** : PKG10000248

**Beneficiary Name** : Kaustav Bose

**Member Age** : 34

**Member Gender** : Male

**Member Relation** : Spouse

**Package Name** : Mediwheel Metro Full Body Health Checkup Male Below 40

**Location** : BANGALORE,Karnataka-560011

**Contact Details** : 8420912006

**Booking Date** : 26-09-2023

**Appointment Date** : 28-10-2023

**Instructions to undergo Health Check:**

1. Please ensure you are on complete fasting for 10-To-12-Hours prior to check.
2. During fasting time do not take any kind of medication, alcohol, cigarettes, tobacco or any other liquids (except Water) in the morning.
3. Bring urine sample in a container if possible (containers are available at the Health Check centre).
4. Please bring all your medical prescriptions and previous health medical records with you.
5. Kindly inform the health check reception in case if you have a history of diabetes and cardiac problems.

**For Women:**

1. Pregnant Women or those suspecting are advised not to undergo any X-Ray test.
2. It is advisable not to undergo any Health Check during menstrual cycle.

We request you to facilitate the employee on priority.

Employee Name | Mr. Kanstar Bose

Employee ID | 60273

Age | 35

Gender | Male

Date | 28-10-23

Name of center | NH Sarjapura

City | Bengaluru

**BASIC PARAMTERS:**

Height (in mts)	179 cm
Weight (in Kgs)	73.6 kg
BMI	

Waist circumference (in cms)	88 cm
Hip circumference (in cms)	96 cm
Waist-to-hip ratio	

Systolic BP	120
Diastolic BP	90 mmHg

**Narayana Clinic**  
(A Unit of NH Integrated Care Pvt Ltd)  
Above HDFC Bank, 83/3, Doddakannelli  
Sarjapura Mn Rd, Varthur Hobli, Bangalore-560035  
Phone : 88844 31319

**TO WHOMSOEVER IT MAY CONCERN**

I hereby give a consent Kaustav Bose (Patient Name) 201-23778  
(MRN No) that I have not taken service Stool Routine Eye  
(ECG/ECHO/Doppler/TMT/X-Ray/Investigation/Consultation against  
Package/Health Checkup) Medicated below 4\* (Package Name/HC  
Name) against Invoice number 2A0014230002046  
dated 28/10/23.

Kaustav Bose  
Patient Sign

9836626757  
Mobile Number

Dept Sign

3/4/23/15  
EC Number

**Narayana Clinic**  
Unit Head Sign/Seal

(A Unit of NH Integrated Care)  
Above HDFC Bank, 83/3, Doddakannur  
Mn Rd, Varthur Hobli, Bangalore-560066  
Phone : 88844 31319

EC Number

## Package Details

Patient Name : Mr Kaustav Bose, 2010000023778, male, 35y 4m  
 Package Name : EHP Mediwheel Full Body Health checkup Below 40 Male  
 Start Date : 28/10/2023 08:44 End Date : 29/10/2023 08:44  
 Generated By: Bhuvaneshwari B C  
 Generated On : 28-10-2023 08:44

Service Name	Ordered Date	Service Center	Consultant	Qty	Explicit
CONSULTATION - FIRST VISIT	28/10/2023 08:44 AM	OPD-2F	Dr. Sharma Vasant Kumar	1	No
USG ABDOMEN	28/10/2023 08:44 AM	ULTRA SOUND-2F	Dr. Sharma Vasant Kumar	1	No
XRAY CHEST PA	28/10/2023 08:44 AM	X-RAY	Dr. Sharma Vasant Kumar	1	No
ECHO COLOR DOPPLER	28/10/2023 08:44 AM	ECHO-2F	Dr. Sharma Vasant Kumar	1	No
TREADMILL TEST	28/10/2023 08:44 AM	OPD-2F	Dr. Sharma Vasant Kumar	1	No
ECG	28/10/2023 08:44 AM	OPD-2F	Dr. Sharma Vasant Kumar	1	No
BLOOD UREA NITROGEN (BUN)	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
URIC ACID	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
THYROID PROFILE (T3, T4, TSH)	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
LIVER FUNCTION TEST (LFT)	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
SERUM CREATININE	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
LIPID PROFILE (CHOL, TRIG, HDL, LDL, VLDL)	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
HBA1C	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
URINE FOR SUGAR (FASTING)	28/10/2023 08:44 AM	CLINICAL PATHOLOGY	Dr. Sharma Vasant Kumar	1	No
URINE FOR SUGAR (POST PRANDIAL)	28/10/2023 08:44 AM	CLINICAL PATHOLOGY	Dr. Sharma Vasant Kumar	1	No
POST PRANDIAL BLOOD SUGAR (PPBS)	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
FASTING BLOOD SUGAR (FBS)	28/10/2023 08:44 AM	BIOCHEMISTRY	Dr. Sharma Vasant Kumar	1	No
BLOOD GROUP & RH TYPING	28/10/2023 08:44 AM	NARAYANA HRUDAYALAYA BLOOD CENTRE	Dr. Sharma Vasant Kumar	1	No
STOOL ROUTINE EXAMINATION	28/10/2023 08:44 AM	CLINICAL PATHOLOGY	Dr. Sharma Vasant Kumar	1	No
URINE ROUTINE & MICROSCOPY	28/10/2023 08:44 AM	CLINICAL PATHOLOGY	Dr. Sharma Vasant Kumar	1	No
ERYTHROCYTE SEDIMENTATION RATE (ESR)	28/10/2023 08:44 AM	HEMATOLOGY	Dr. Sharma Vasant Kumar	1	No

Eye

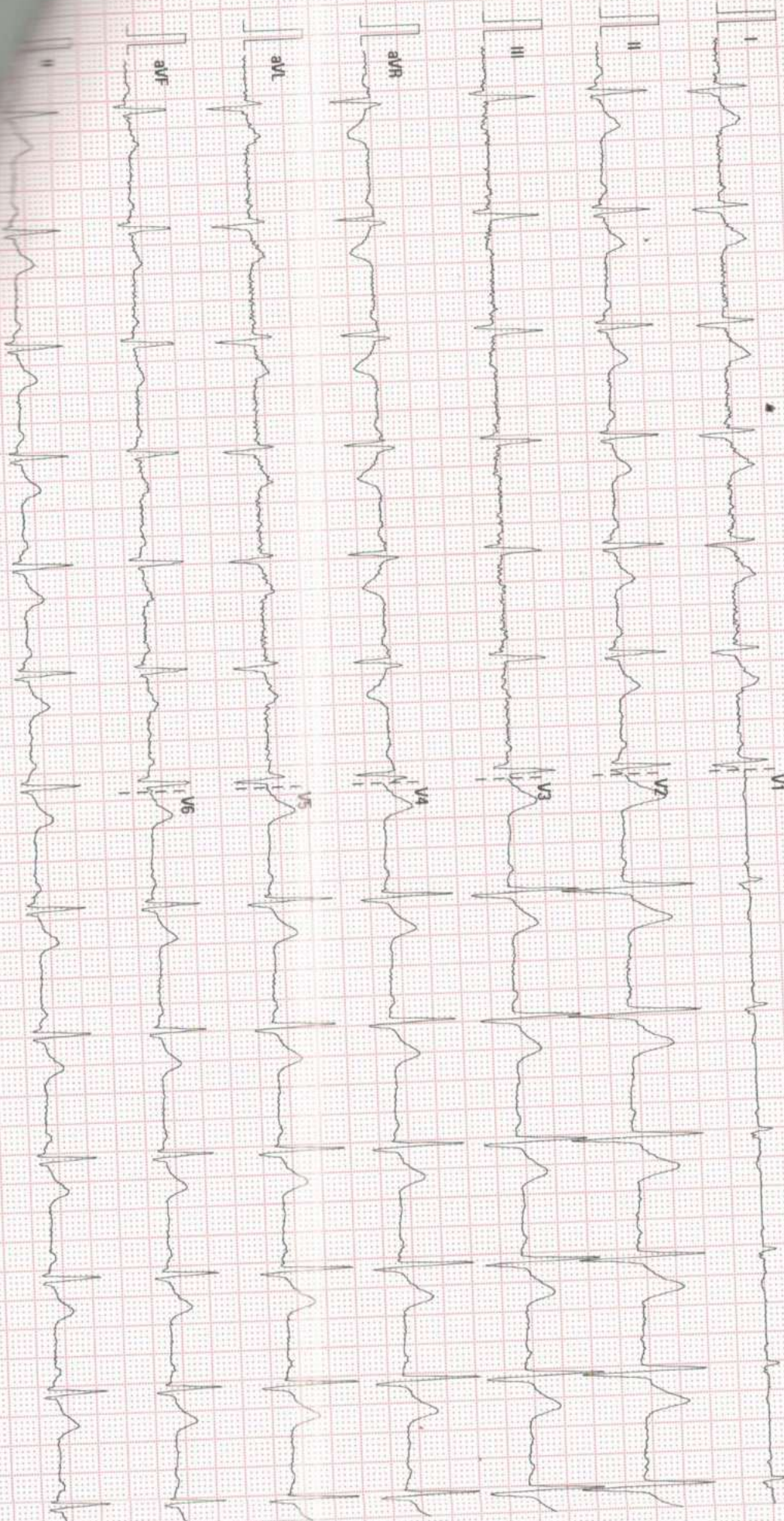
**Narayana Clinic**  
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 Above HDFC Bank, 83/3, Doddakannelli  
 Sarjapura Mn Rd, Varthur Hobli, Bangalore-560035  
 Phone : 88844 31319



ID: 201-23778  
Name: MR. KAUSTAV BOSE  
Age: 35 Years  
Gender: Male

28-10-2023 10:56:23

Vent. Rate	76 bpm	Sinus rhythm
PR Interval	146 ms	Normal ECG
QRS Duration	92 ms	
QT/QTc Interval	362/390 ms	
P/QRST Axes	43/82/24 deg	
RV5/SV1	1.346/0.134 mV	
RV5 + SV1	1.480 mV	
DTc-Hodges		



Unconfirmed Diagnosis



## TRANS-THORACIC ECHO REPORT

Patient MRN : 201-23778

Date : 28.10.2023

Patient Name : Mr. KAUSTAV BOSE

Age/Gender : 34 yrs/male

### M-MODE / 2D MEASUREMENTS

LVEF (>55)%	: 60%	LVID(d) (40-56)mm	: 43mm	LVID (s) mm	: 30mm
TAPSE (>16) mm	: 20mm	IVS (d) (6-10)mm	: 10mm	LV-EDV ml	: --
LA (<39) mm	: 28mm	PWD (d) (6-10)mm	: 10mm	LV-ESV ml	: --
RA (<44)mm	: 31mm	RV (<35) mm	: 26 mm	BSA m <sup>2</sup> : --	

### DOPPLER MEASUREMENTS

**MITRAL VALVE** : E/A - 0.7/0.5 M/S, NORMAL LV DIASTOLIC FUNCTION, MR-TRIVIAL  
**AORTIC VALVE** : PG - 3 MMHG /AR-TRIVIAL  
**TRICUSPID VALVE** : TR -TRIVIAL  
**PULMONARY VALVE** : PG - 2 MMHG  
**PA PRESSURE** : PASP- 18 MMHG/ NORMAL PA PRESSURE.

### FINDINGS

SITUS SOLITUS, LEVOCARDIA, AV AND VA CONCORDANT, NORMAL GREAT ARTERY RELATIONSHIP

### VALVES

**MITRAL** : NORMAL  
**AORTIC** : NORMAL  
**TRICUSPID** : NORMAL  
**PULMONARY** : NORMAL

### CHAMBERS

**LV** : NORMAL SIZED, NORMAL LV SYSTOLIC FUNCTION.  
**RV** : NORMAL SIZED, NORMAL RV FUNCTION.  
**RWMA** : NO RWMA  
**LVOT** : NORMAL  
**LEFT ATRIUM** : NORMAL SIZED  
**RIGHT ATRIUM** : NORMAL SIZED

SEPTAE

IVS : INTACT

IAS : INTACT

ARTERIES & VEINS

AORTA : AORTIC ANNULUS - 16 MM, ASCENDING AORTA- 27 MM,  
NORMAL ARCH NORMAL SIZED.

PULMONARY ARTERY : NORMAL

IVC, SVC & CS : IVC - 13 MM, NORMAL SIZED, COLLAPSING, NORMAL RA PRESSURE.

PULMONARY VEINS : NORMAL

PERICARDIUM : NORMAL

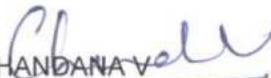
VEGETATION / THROMBUS / TUMOR: NIL

OTHER FINDINGS:

SINUS RHYTHM- 85 BPM  
NO PREVIOUS ECHO REPORT

CONCLUSION

NORMAL CHAMBER DIMENSIONS  
NORMAL PA PRESSURE  
NO RWMA  
NORMAL LV SYSTOLIC FUNCTION  
LVEF:- 55-60%

  
CHANDANA V  
CARDIAC SONOGRAPHER

Patient Name : Mr. KAUSTAV BOSE  
Age : 35 Years  
Referring Doctor : PKG

Patient ID : 201-23778  
Sex : male  
Date : 28.10.2023

**ULTRASOUND ABDOMEN AND PELVIS**

**FINDINGS:**

**Liver** is normal in size, and echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein** is normal in size, course and caliber. **CBD** is not dilated.

**Gall bladder** is normal without evidence of calculi, wall thickening or pericholecystic fluid.

**Pancreas** to the extent visualized, appears normal in size, contour and echogenicity.

**Spleen** is normal in size, shape, contour and echopattern. No evidence of mass or focal lesions.

**Right Kidney** is normal in size (measures 10.1 cm in length & 1.4 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

**Left Kidney** is normal in size (measures 10.0 cm in length & 1.5 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

**Retroperitoneum** – Obscured by bowel gas.

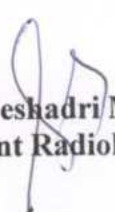
**Urinary Bladder** is well distended. Wall thickness is normal. No evidence of calculi, mass or mural lesion.

**Prostate** is normal in echopattern and size, (Volume =8.1cc).

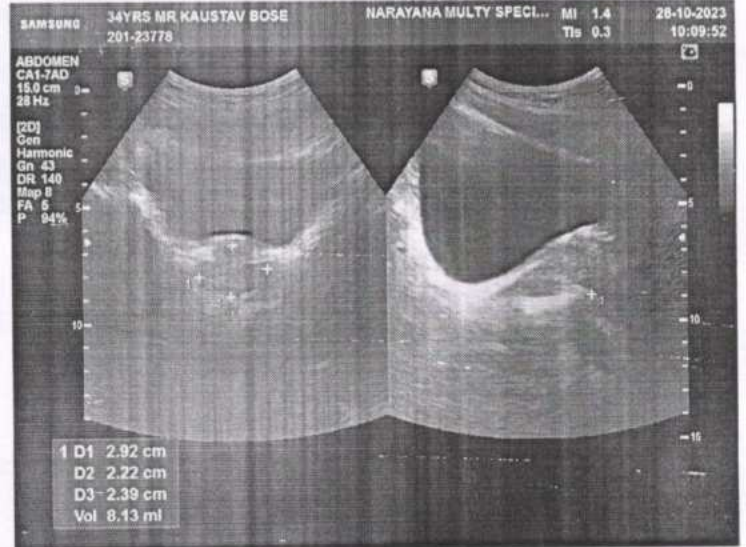
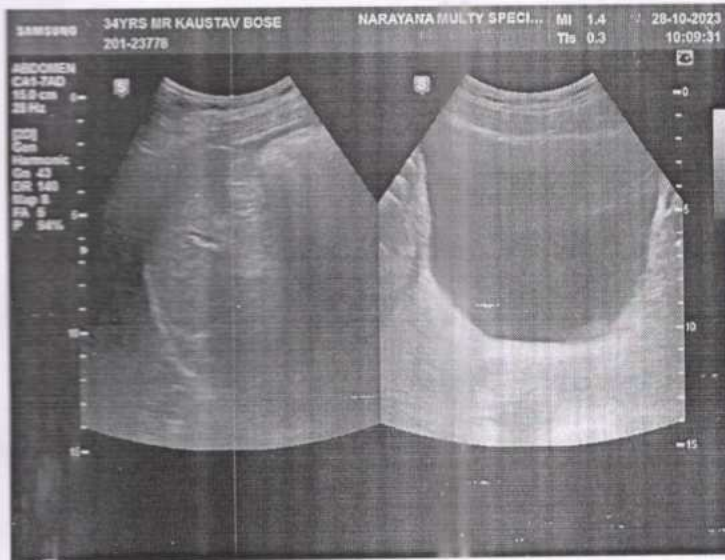
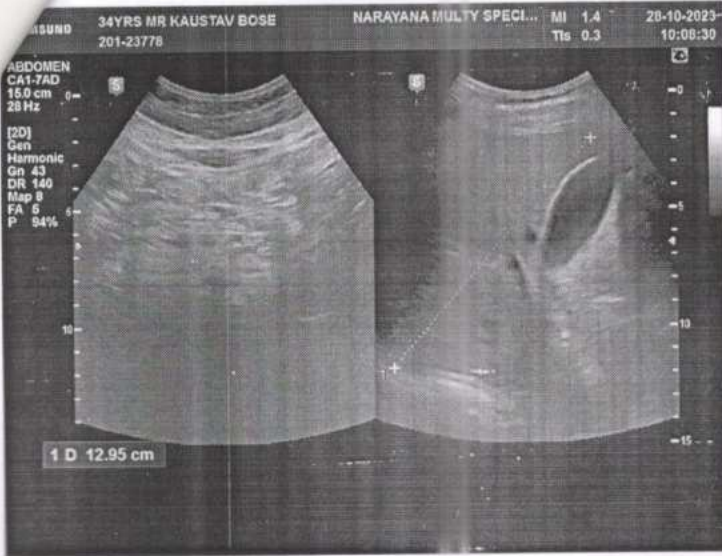
**Fluid** - There is no ascites or pleural effusion.

**IMPRESSION:**

- **UNREMARKABLE STUDY OF ABDOMEN AND PELVIS**

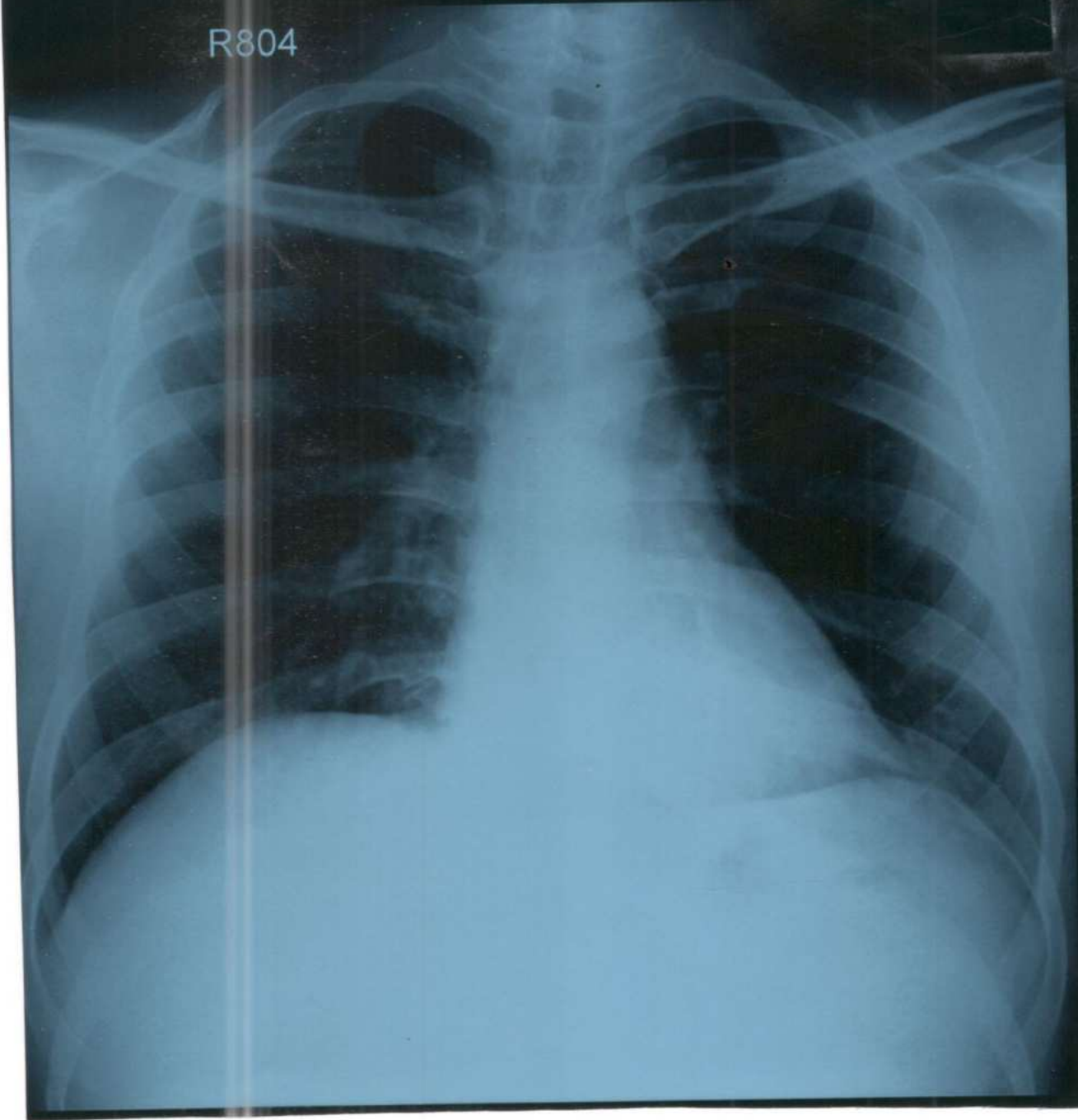
  
**Dr B M Seshadri MDRD**  
**Consultant Radiologist**





201-23778  
Mr Kaustav Bose  
35y/M

R804





**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)

Collected On : 28/10/2023 09:02 AM Received On : 28/10/2023 11:04 AM Reported On : 28/10/2023 11:29 AM

Barcode : 022310280440 Specimen : Whole Blood Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

**HEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (Photometric Measurement)	15.8	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.12	million/ $\mu$ l	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	47.7	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	93.1	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.8	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.1	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	<b>14.2 H</b>	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	220	$10^3/\mu$ L	150.0-450.0
Mean Platelet Volume (MPV)	9.4	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	7.9	$10^3/\mu$ L	4.0-10.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils (VCS Technology Plus Microscopy)	58.8	%	40.0-75.0
Lymphocytes (VCS Technology Plus Microscopy)	31.4	%	20.0-40.0
Monocytes (VCS Technology Plus Microscopy)	7.3	%	2.0-10.0
Eosinophils (VCS Technology Plus Microscopy)	2.0	%	1.0-6.0



**Narayana Hrudayalaya Limited**

Above HDFC Bank, 83/3, Doddakanneli, Sarjapura Main Road,  
Varthur Hobli, Bangalore - 560035

Tel: + 91 88844 31319, Email : info.sarjapura@narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099  
Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)

Basophils (VCS Technology Plus Microscopy)	0.5	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	4.65	$\times 10^3$ cells/ $\mu$ l	2.0-7.0
Absolute Lymphocyte Count (Calculated)	2.49	$\times 10^3$ cells/ $\mu$ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.58	$\times 10^3$ cells/ $\mu$ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.16	$\times 10^3$ cells/ $\mu$ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.04	-	-

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

#### Interpretation Notes

- Haemoglobin , RBC Count and PCV: If below reference range, indicates Anemia. Further evaluation is suggested .
- RBC Indices aid in typing of anemia.
- WBC Count: If below reference range, susceptibility to infection.
- If above reference range- Infection\*
- If very high in lakhs-Leukemia
- Neutrophils -If above reference range-acute infection, mostly bacterial
- Lymphocytes -If above reference range-chronic infection/ viral infection
- Monocytes -If above reference range- TB,Typhoid,UTI
- Eosinophils -If above reference range -Allergy,cough,Common cold,Asthma & worms
- Basophils - If above reference range, Leukemia, allergy
- Platelets: If below reference range- bleeding disorder, Dengue, drug- induced, malignancies
- \* In bacterial infection with fever total WBC count increases.
- Eg Tonsillitis,Sinusitis,Bronchitis,Pneumonia,Appendicitis,UTI -12000-25000 cells/cumm.
- In typhoid and viral fever WBC may be normal.

**DISCLAIMER:**All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert.

--End of Report--

*Shalini*

Dr. Shalini K S  
DCP, DNB, Pathology  
Consultant



**DEPARTMENT OF LABORATORY MEDICINE**

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)  
Collected On : 28/10/2023 09:02 AM Received On : 28/10/2023 11:02 AM Reported On : 28/10/2023 11:46 AM  
Barcode : 1B2310280021 Specimen : Whole Blood Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)  
Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

**NARAYANA HRUDAYALAYA BLOOD CENTRE**

Test	Result	Unit
<b>BLOOD GROUP &amp; RH TYPING</b>		
Blood Group (Column Agglutination Technology)	AB	-
RH Typing (Column Agglutination Technology)	Positive	-

--End of Report--



Dr. Prathip Kumar B R  
MBBS,MD, Immunohaematology & Blood Transfusion  
Consultant

**Note**

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)

Collected On : 28/10/2023 09:02 AM Received On : 28/10/2023 11:04 AM Reported On : 28/10/2023 12:27 PM

Barcode : 022310280441 Specimen : Whole Blood - ESR Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	08	mm/1hr	0.0-10.0

Interpretation Notes

- ESR high - Infections, chronic disorders,, plasma cell dyscrasias.

DISCLAIMER: All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert

--End of Report--



Dr. Sudarshan Chougule

MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)  
Collected On : 28/10/2023 09:02 AM Received On : 28/10/2023 11:04 AM Reported On : 28/10/2023 11:30 AM  
Barcode : 012310280741 Specimen : Plasma Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)  
Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>FASTING BLOOD GLUCOSE (FBG)</b> (Colorimetric - Glucose Oxidase Peroxidase)	93	mg/dL	70 to 99 : Normal 100 to 125 : Pre-diabetes =>126 : Diabetes ADA standards 2020

--End of Report--



Dr. Anushre Prasad  
MBBS,MD, Biochemistry  
Consultant Biochemistry



Mrs. Latha B S  
MSc, Mphil, Biochemistry  
Incharge, Consultant Biochemistry

**Note**

- Abnormal results are highlighted.
  - Results relate to the sample only.
  - Kindly correlate clinically.
- (FASTING BLOOD GLUCOSE (FBG) -> Auto Authorized)



**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)

Collected On : 28/10/2023 11:48 AM Received On : 28/10/2023 01:05 PM Reported On : 28/10/2023 01:36 PM

Barcode : 012310281332 Specimen : Plasma Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>POST PRANDIAL BLOOD GLUCOSE (PPBG)</b> (Colorimetric - Glucose Oxidase Peroxidase)	93	mg/dL	70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020

--End of Report--



Dr. Anushre Prasad  
MBBS,MD, Biochemistry  
Consultant Biochemistry



Mrs. Latha B S  
MSc, Mphil, Biochemistry  
Incharge, Consultant Biochemistry

**Note**

- Abnormal results are highlighted.
  - Results relate to the sample only.
  - Kindly correlate clinically.
- (POST PRANDIAL BLOOD GLUCOSE (PPBG) -> Auto Authorized)



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Kaustav Bose MRN : 2010000023778 Gender/Age : MALE , 35y (30/05/1988)  
Collected On : 28/10/2023 09:02 AM Received On : 28/10/2023 11:04 AM Reported On : 28/10/2023 11:33 AM  
Barcode : 012310280742 Specimen : Whole Blood Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)  
Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

Test	BIOCHEMISTRY		Biological Reference Interval
	Result	Unit	
HbA1C			
HbA1c (HPLC NGSP Certified)	5.9 H	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2020
Estimated Average Glucose (Calculated)	122.64	-	-

**Interpretation:**

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

--End of Report--



Mrs. Latha B S  
MSc, Mphil, Biochemistry  
Incharge, Consultant Biochemistry



Dr. Anushre Prasad  
MBBS,MD, Biochemistry  
Consultant Biochemistry

**Note**

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.





**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)  
Collected On : 28/10/2023 09:02 AM Received On : 28/10/2023 11:04 AM Reported On : 28/10/2023 11:58 AM

Barcode : 012310280743 Specimen : Serum Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>SERUM CREATININE</b>			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.72	mg/dL	0.66-1.25
eGFR (Calculated)	124.3	mL/min/1.73m <sup>2</sup>	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
<b>Blood Urea Nitrogen (BUN)</b> (Endpoint /Colorimetric - Urease)	<b>7 L</b>	mg/dL	9.0-20.0
<b>Serum Uric Acid</b> (Colorimetric - Uricase,Peroxidase)	<b>6.1</b>	mg/dL	3.5-8.5
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	140	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	<b>196 H</b>	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	<b>32 L</b>	mg/dL	40.0-60.0
Non-HDL Cholesterol (Calculated)	108.0	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220
LDL Cholesterol (Colorimetric)	<b>81 L</b>	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	39.2	mg/dL	0.0-40.0

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)

Cholesterol /HDL Ratio (Calculated) 4.4 - 0.0-5.0

**LIVER FUNCTION TEST(LFT)**

Bilirubin Total (Colorimetric -Diazo Method)	1.10	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.00	mg/dL	0.0-0.3
Unconjugated Bilirubin (Indirect) (Calculated)	1.1	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.30	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.40	gm/dL	3.5-5.0
Serum Globulin (Calculated)	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.52	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	40	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	42	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	81	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide ( Szasz Method))	22	U/L	15.0-73.0

**Interpretation Notes**

- Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin).
- Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin.
- Delta Bilirubin is not expected to be present in healthy adults or neonates.

**THYROID PROFILE (T3, T4, TSH)**

Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence)	1.42	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence)	9.42	µg/dl	5.53-11.0

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)

TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence) 1.679  $\mu$ IU/mL 0.4-4.049

#### Interpretation Notes

TSH levels are subjected 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. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy. Unbound fraction ( Free,T4 /Free,T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration.

--End of Report--



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MSc, Mphil, Biochemistry  
Incharge, Consultant Biochemistry

#### Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.  
(Lipid Profile, -> Auto Authorized)  
(CR, -> Auto Authorized)  
(LFT, -> Auto Authorized)  
(, -> Auto Authorized)  
(Uric Acid, -> Auto Authorized)  
(Blood Urea Nitrogen (Bun) -> Auto Authorized)





**DEPARTMENT OF LABORATORY MEDICINE**

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)  
 Collected On : 28/10/2023 09:02 AM Received On : 28/10/2023 10:55 AM Reported On : 28/10/2023 11:32 AM  
 Barcode : 032310280125 Specimen : Urine Consultant : Dr. Sharma Vasant Kumar(GENERAL MEDICINE)  
 Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9836626757

**CLINICAL PATHOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>URINE ROUTINE &amp; MICROSCOPY</b>			
<b>PHYSICAL EXAMINATION</b>			
Colour	Yellow	-	-
Appearance	Clear	-	-
<b>CHEMICAL EXAMINATION</b>			
pH(Reaction) (pH Indicator Method)	6.5	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.003	-	1.002 - 1.030
Protein (Automated Protein Error Or Ph Indicator)	Not Present	-	Not Present
Urine Glucose (Enzyme Method (GOD POD))	Not Present	-	Not Present
Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Not Present	-	Not Present
Nitrite (Gries Method)	Not Present	-	Not Present
<b>MICROSCOPIC EXAMINATION</b>			
Pus Cells	0.3	/hpf	0-5

Patient Name : Mr Kaustav Bose MRN : 20100000023778 Gender/Age : MALE , 35y (30/05/1988)

RBC	0.3	/hpf	0-4
Epithelial Cells	0.3	/hpf	0-6
Crystals	0.0	/hpf	0-2
Casts	0.00	/hpf	0-1
Bacteria	12.0	/hpf	0-200
Yeast Cells	0.0	/hpf	0-1
Mucus	Not Present	-	Not Present

**Interpretation Notes**

Since the analytical methodology of Urine Microscopy is Flow cytometry based and FDA approved the results of automated urine microscopy which includes RBCs, WBCs Epithelial cells etc are being reported in decimal fraction. Rounding off the value to nearest whole number is suggested.

*Shalini*

Dr. Shalini K S  
DCP, DNB, Pathology  
Consultant

**Test**

Urine For Sugar (Fasting) (Enzyme Method (GOD  
POD))

**CLINICAL PATHOLOGY**

Result	Unit
Not Present	-

--End of Report--