

Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR. SHYAMAL GHOSH
Associate Code : Lab

Bill Number : **230101001**
Sample Date : 01-01-2023 01:43 PM
Reporting Date : 12-01-2023 08:35 PM



DEPARTMENT OF BIOCHEMISTRY

Investigation	Result	Unit	Bio. Ref. Interval
LIVER FUNCTION TEST (LFT)			
BILIRUBIN Total Method: IFSC without P5P	↑ 1.2	mg/dL	upto 1.0 mg/dl
BILIRUBIN Direct	↑ 0.7	mg/dL	upto 0.25mg/dl
BILIRUBIN Indirect	↑ 0.5	mg/dL	upto 0.25mg/dl
SGOT (AST)	↑ 55	U/L	Men <41 Women <31
SGPT (ALT)	39	U/L	Men <41 Women <31
Alkaline Phosphatase	278	U/L	Adult: 102 – 306 U/L Child: (<15yrs210 – 810)
Total Protein	7.89	g/dL	6.0 – 8.0 g/dl
Albumin	↑ 6.9	g/dL	3.7 – 5.3 g/dl
Globulin	↓ 0.99	g/dL	2.3 – 3.6 g/dl
A/G Ratio	↑ 6.97	.	1.0 – 2.3


Sample Type: Serum

Interpretation:

Liver Function Test (LFT) is a profile of blood tests that provide useful information about the state of the liver. It measures the levels of proteins, liver enzymes and bilirubin in your blood. LFT test includes parameters such as Albumin Test, Bilirubin Test, SGOT, SGPT and more.

--:End of Report:--


(Head Lab Technician)


DR. SUKAMAL DAS
MBBS(kol), DIP CARD, FIACP, DMRT(I.P.G.M.E)
Registration no- 54285 of WBME



Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR. SHYAMAL GHOSH
Associate Code : Lab

Bill Number : **230101001**
Sample Date : 01-01-2023 01:43 PM
Reporting Date : 12-01-2023 08:32 PM



DEPARTMENT OF BIOCHEMISTRY

Investigation	Result	Unit	Bio. Ref. Interval
LIPID PROFILE			
Cholesterol Total	178	mg/dL	Normal < 200 Borderline High: 200-239
Triglycerides	↑ 166	mg/dL	Normal < 150 Borderline High 150 – 199
HDL Cholesterol	↑ 70	mg/dL	Acceptable Men-55 Women-65
LDL Cholesterol	74.8	mg/dL	Optimal -129 Borderline High 130 – 159
VLDL Cholesterol	33.2	mg/dL	5.0 – 40.0
Non-HDL Cholesterol	↑ 134	mg/dL	< 130
Cholesterol : HDL	2.54	.	< 5
LDL : HDL	1.07	.	< 4.3


Sample Type: Serum

Interpretation:

A lipid profile is a blood test that measures the amount of cholesterol and fats called triglycerides in the blood. These measurements give the doctor a quick snapshot of what's going on in your blood. Cholesterol and triglycerides in the blood can clog arteries, making you more likely to develop heart disease.

--:End of Report:--


(Head Lab Technician)


DR. SUKAMAL DAS
MBBS(kol), DIP CARD, FIACP, DMRT(I.P.G.M.E)
Registration no- 54285 of WBME



Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR. SHYAMAL GHOSH
Associate Code : Lab

Bill Number : **230101001**
Sample Date : 01-01-2023 01:43 PM
Reporting Date : 12-01-2023 08:31 PM



DEPARTMENT OF BIOCHEMISTRY

Investigation	Result	Unit	Bio. Ref. Interval
KIDNEY PANEL; (KFT)			
Urea	↑ 44.00	mg/dL	13.00 - 43.00 mg/dL
Creatinine	↓ 0.65	mg/dL	0.70 - 1.30 mg/dL
Uric Acid	↓ 2.35	mg/dL	3.50 - 7.20 mg/dL
Calcium, Total	↑ 11.25	mg/dL	8.70 - 10.40 mg/dL
Phosphorus	↑ 6.22	mg/dL	2.40 - 5.10 mg/dL
Alkaline Phosphatase (ALP)	↓ 29.99	U/L	30.00 - 120.00 U/L
Total Protein	↑ 8.99	g/dL	5.70 - 8.20 g/dL
Albumin	3.33	g/dL	3.20 - 4.80 g/dL
Sodium	↑ 150.55	mEq/L	136.00 - 145.00 mEq/L
Potassium	4.55	mEq/L	3.50 - 5.10 mEq/L
Chloride	101.11	mEq/L	98.00 - 107.00 mEq/L


Sample Type: Serum

Interpretation:

Kidney Function Test (KFT/RFT Test) is a profile of biochemistry blood tests that are useful to assess the renal function. KFT test is also commonly known as Renal Function Test, RFT Test, Kidney Profile or Kidney Panel.

-:End of Report:-


(Head Lab Technician)


DR. SUKAMAL DAS
MBBS(kol), DIP CARD, FIACP, DMRT(I.P.G.M.E)
Registration no- 54285 of WBME



Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR. SHYAMAL GHOSH
Associate Code : Lab

Bill Number : **230101001**
Sample Date : 01-01-2023 01:43 PM
Reporting Date : 12-01-2023 08:29 PM



DEPARTMENT OF BIOCHEMISTRY

Investigation	Result	Unit	Bio. Ref. Interval
THYROID PROFILE (T3,T4,TSH) M: CLIA (CLIA)			
T3	↑ 1.95	ng/mL	ADULTS : 0.60-1.81 ng/ml CHILDREN UPTO 1Yrs : 0.6-2.0 g/ml CHILDREN 1-10 YRS : 1.0 -2.5 ng/ml
T4	9.78	µg/dL	ADULTS : 5.1 - 12.45 ug/dL CHILDREN 1-10Yrs : 6.5 - 15.0 ug/dL
TSH	4.35	µIU/mL	0.35 to 5.50 µIU/mL

Sample Type: Serum

Interpretation:

1. 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.
2. 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.
3. 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
4. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals

BLOOD SUGAR

FASTING	↑ 165	mg/dL	70-110 mg/dL
POSTPRANDIAL	↑ 220	mg/dL	70-150 mg/dL


Sample Type: Blood

Interpretation:

Blood samples are generally used to screen for diabetes. Your doctor will order a fasting blood sugar (FBS) test. This test measures your blood sugar levels, or a glycosylated hemoglobin, also called a hemoglobin A1C test. The results of this test reflect your blood sugar levels over the previous 90 days.

-:End of Report:-


(Head Lab Technician)


DR. SUKAMAL DAS
MBBS(kol), DIP CARD, FIACP, DMRT(I.P.G.M.E)
Registration no- 54285 of WBME



Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR. SHYAMAL GHOSH
Associate Code : Lab

Bill Number : **230101001**
Sample Date : 01-01-2023 01:43 PM
Reporting Date : 12-01-2023 08:37 PM



DEPARTMENT OF HAEMATOLOGY

Investigation	Result	Unit	Bio. Ref. Interval
COMPLETE BLOOD COUNT (CBC)			
HEMOGLOBIN Method: Cyanmethaemoglobin	↑ 17	gms%	12 - 15 gms%
TOTAL R.B.C. Method: Electronic Counting	↑ 5.5	m/cumm	3.5 - 4.5 m/cumm
PCV	↑ 49	%	37 - 47 %
MCV Method: Calculated	89.09	fL	80 - 95 fL
MCH Method: Calculated	30.91	pg	27 - 32 pg
MCHC Method: Calculated	34.69	%	32-36 %
TOTAL LEUCOCYTE COUNT Method: Electronic Counting	5500	/cumm	4000 - 11000 /cumm
TOTAL GRANULOCYTE COUNT	3560	/cumm	2000 - 7500 /cumm
TOTAL LYMPHOCYTE COUNT	3455	/cumm	1500 - 4500 /cumm
PLATELET COUNT Method: Electronic Counting	↓ 1.2	lakhs/cumm	1.5-4 lakhs/cumm
W.B.C. DIFFERENTIAL COUNT			
NEUTROPHILS	65	%	40-70 %
LYMPHOCYTES	25	%	20-45 %
MONOCYTES	6	%	2 - 10 %
EOSINOPHILS	3	%	1-6 %
BASOPHILS	1	%	00-01 %

RBC MORPHOLOGY: RBC Mild Microcytic With Hypochromia. Platelets are adequate on smear.


Instrument used: Internationally Standardized Fully Automated Hematology Analyzer

Sample Type: Blood

Interpretation: CBC helps healthcare providers detect a range of disorders and conditions. It also checks your blood for signs of medication side effects.

-:End of Report:-


(Head Lab Technician)


DR. SUKAMAL DAS
MBBS(kol), DIP CARD, FIACP, DMRT(I.P.G.M.E)
Registration no- 54285 of WBME



Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR. SHYAMAL GHOSH
Associate Code : Lab

Bill Number : **230101001**
Sample Date : 01-01-2023 01:43 PM
Reporting Date : 12-01-2023 08:25 PM



DEPARTMENT OF MICROBIOLOGY

Investigation	Result	Unit	Bio. Ref. Interval
---------------	--------	------	--------------------

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity received	35 ML
Colour	Pale Yellow
Appearance	Clear
Specific gravity	1.020
Sediment	Absent
Phenomenon Blood	Nil

CHEMICAL EXAMINATION

ALBUMIN	Nil
SUGAR	Nil
KETONE	Absent
UROBILINOGEN	Normal
NITRITES	Nil
BILE SALT	Absent
BILE PIGMENT	Present

MICROSCOPIC EXAMINATION


RBC'S	Nil
PUS CELLS	1 -2 /hpf
EPITHELIAL CELLS	5 -12 /hpf
CASTS	Nil
CRYSTALS	Nil
ANY OTHER	Nil

IMPRESSION: Normal Test

Sample Type: Urine

-:End of Report:-


(Head Lab Technician)


DR. SUKAMAL DAS
MBBS(kol), DIP CARD, FIACP, DMRT(I.P.G.M.E)
Registration no- 54285 of WBME



Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR. SHYAMAL GHOSH
Associate Code : Lab

Bill Number : **230101001**
Sample Date : 01-01-2023 01:43 PM
Reporting Date : 12-01-2023 08:27 PM



DEPARTMENT OF SEROLOGY

Investigation	Result	Unit	Bio. Ref. Interval
---------------	--------	------	--------------------

WIDAL TEST, SERUM (Slide Agglutination)

Salmonella typhi O (TO)	Non Reactive
Salmonella typhi H (TH)	Non Reactive
Salmonella paratyphi A, H (AH)	Reactive
Salmonella paratyphi B, H (BH)	Non Reactive


Note:

1. Titres 1:80 and above of "O" antigen & 1:160 and above of "H" antigen are significant
2. Rising titres are significant
3. The recommended Widal test is by Tube Agglutination Method

Sample Type: Blood

--:End of Report:--


(Head Lab Technician)


DR. SUKAMAL DAS
MBBS(kol), DIP CARD, FIACP, DMRT(I.P.G.M.E)
Registration no- 54285 of WBME



Patient Name : **MR SUMAN ROY**
Age/Gender : 44 Years / Male
Refer By : DR.SHAYAM VERMA
Associate Code : Lab

Bill Number : **230115001**
Sample Date : 15-01-2023 08:18 PM
Reporting Date : 15-01-2023 08:21 PM



DEPARTMENT OF USG

USG OF WHOLE ABDOMEN MALE

LIVER: Liver is normal in size and has homogeneous echopattern. No focal lesion is seen. Intrahepatic biliary radicles are not dilated.

PORTA: Portal vein is normal and measures 10 mm. in diameter.

GALLBLADDER: Gallbladder is normal in size, shape, contour and wall thickness. No calculus or mass lesion is seen.

CBD: Common bile duct is not dilated and measures 4 mm. in diameter.

PANCREAS: Pancreas is normal in size, shape, outline and has normal echotexture. Pancreatic duct is not dilated. No focal lesion is seen. No calculus or calcification is seen.

SPLEEN: Spleen is normal in size with homogeneous echopattern. Spleen span is 9.0 cm.

RETROPERITONEUM: Aorta and IVC are normal. No enlarged pre and para-aortic lymph nodes are seen. No free fluid is seen in the abdomen.

KIDNEY: Both kidneys are normal in size, shape, outline, position and show normal corticomedullary differentiation maintaining a normal cortical thickness. No evidence of any hydronephrosis, renal calculus or mass lesion is seen. Right kidney = 9.6 cm. and Left kidney = 10.7 cm.

URETER: Both ureters are not visualized hence not dilated .

URINARY BLADDER :

Urinary bladder is seen normal in size, shape and wall thickness. No intraluminal lesion is seen. Post-voiding study show no significant residual urine.

PROSTATE :

Prostate is normal in size with homogeneous echopattern.

Prostate measures = 2.7 x 2.9 x 3.0 cm.

Prostate volume = 12 ml.

* No intra-abdominal mass lesion is seen.

* Bowel loops are not dilated.

* Mesenteric lymph nodes are not enlarged.


IMPRESSION

*Tenderness is evident over stomach and duodenum with pressure by usg probe .

*Normal study otherwise.

--:End of Report:--


(Head Lab Technician)


Dr. Vikas Rai
DMRE, DNB, MD (Radiology)
Reg No.: 59134 (WBMC)

