Patient Name : Mr Sunil Kumar Singh
 MRN : 17510001168851
 Gender/Age : MALE , 58y (19/01/1965)

 Collected On : 11/03/2023 10:52 AM
 Received On : 11/03/2023 11:04 AM
 Reported On : 11/03/2023 01:05 PM

 Barcode : 802303110484
 Specimen : Serum
 Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	CLINICAL CHEMISTRY			
Test	Result	Unit	Biological Reference Interval	
SERUM CREATININE				
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	1.02	mg/dL	0.66-1.25	
eGFR	75.1	mL/min/1.73m ²	-	
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	9.93	-	9.0-20.0	
Serum Sodium (Direct ISE - Potentiometric)	141	mmol/L	137.0-145.0	
Serum Potassium (Direct ISE - Potentiometric)	4.5	mmol/L	3.5-5.1	
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)				
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	230 H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240	
Triglycerides (Enzymatic Endpoint Colorimetric)	179	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500	
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	40	mg/dL	40.0-60.0	
Non-HDL Cholesterol	190.0	-	-	
LDL Cholesterol (Non LDL Selective Elimination, CHOD/POD)	142.41 H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190	
VLDL Cholesterol (Calculated)	35.8	mg/dL	0.0-40.0	
Cholesterol /HDL Ratio	5.8	-	-	
Prostate Specific Antigen (PSA) (CLIA)	2.19	ng/mL	0.0-3.5	

Page 1 of 3

Patient Name: Mr Sunil Kumar Singh MRN: 175100	01168851 Gen	der/Age : MALE , 58y (19/	/01/1965)
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Colorimetric -Diazo Method)	0.49	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.33	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Colorimetric Endpoint)	0.17	-	-
Total Protein (Biuret Method)	7.70	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.50	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.2	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.41	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal- 5-phosphate))	30	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5- phosphate))	24	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P- nitro Phenyl Phosphate, AMP Buffer)	72	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	18	U/L	15.0-73.0

--End of Report-

Alphosh

Dr. Sujata Ghosh PhD, Biochemistry Biochemist M.Sc , Ph. D

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

Dr. Debasree Biswas MD, Biochemistry Clinical Biochemist MBBS, MD

Patient Name : Mr Sunil Kumar Singh MRN : 17510001168851 Gender/Age : MALE , 58y (19/01/1965)

• Kindly correlate clinically.

(LFT, -> Auto Authorized) (Lipid Profile, -> Auto Authorized)

(Serum Sodium, -> Auto Authorized)

(Blood Urea Nitrogen (Bun), -> Auto Authorized)

(Serum Potassium, -> Auto Authorized)

(CR, -> Auto Authorized)

(Prostate Specific Antigen (Psa) -> Auto Authorized)





 Patient Name : Mr Sunil Kumar Singh
 MRN : 17510001168851
 Gender/Age : MALE , 58y (19/01/1965)

 Collected On : 11/03/2023 10:52 AM
 Received On : 11/03/2023 11:04 AM
 Reported On : 11/03/2023 01:14 PM

Barcode : 802303110484 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	CLINICAL CHEMISTRY			
Test	Result	Unit	Biological Reference Interval	
THYROID PROFILE (T3, T4, TSH)				
Tri lodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.22	ng/mL	0.97-1.69	
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	7.13	µg/dl	5.53-11.0	
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	4.240 H	uIU/mI	0.4001-4.049	

--End of Report-

Dr. Debasree Biswas MD, Biochemistry Clinical Biochemist MBBS, MD

Note

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



 Patient Name : Mr Sunil Kumar Singh
 MRN : 17510001168851
 Gender/Age : MALE , 58y (19/01/1965)

 Collected On : 11/03/2023 10:52 AM
 Received On : 11/03/2023 11:03 AM
 Reported On : 11/03/2023 12:25 PM

 Barcode : BR2303110045
 Specimen : Whole Blood
 Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

IMMUNOHAEMATOLOGY			
Test	Result	Unit	
BLOOD GROUP & RH TYPING			
Blood Group (Column Agglutination Technology)	0	-	
RH Typing (Column Agglutination Technology)	Positive	-	

--End of Report-

all

Dr. Amal Kumar Saha MBBS, D.PED, ECFMG Blood Bank Officer

Note

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





Final Report

Patient Name : Mr Sunil Kumar Singh MRN : 17510001168851 Gender/Age : MALE , 58y (19/01/1965)

Collected On: 11/03/2023 10:52 AM Received On: 11/03/2023 11:02 AM Reported On: 11/03/2023 12:08 PM

Barcode : 802303110485 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	CLINICAL CHEMISTRY			
Test	Result	Unit	Biological Reference Interval	
Fasting Blood Sugar (FBS) (Glucose Oxidase, Peroxidase)	101 H	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: => 126 ADA standards 2019	

--End of Report-

Alphosh

Dr. Sujata Ghosh PhD, Biochemistry Biochemist M.Sc , Ph. D

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.
 (Fasting Blood Sugar (FBS) -> Auto Authorized)

Dr. Debasree Biswas MD, Biochemistry Clinical Biochemist MBBS, MD





Patient Name: Mr Sunil Kumar Singh MRN: 17510001168851 Gender/Age: MALE, 58y (19/01/1965)

Collected On: 11/03/2023 03:13 PM Received On: 11/03/2023 03:24 PM Reported On: 11/03/2023 04:32 PM

Barcode : 802303110802 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	CLINICAL CHEMISTRY		
Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose	117	mg/dL	Normal: 70-139 Pre-diabetes: 140-199
Oxidase, Peroxidase)			Diabetes: => 200 ADA standards 2019

Interpretations:

(ADA Standards Jan 2017)

FBS can be less than PPBS in certain conditions like post prandial reactive hypoglycaemia, exaggerated response to insulin, subclinical hypothyroidism, very lean/anxious individuals. In non-diabetic individuals, such patients can be followed up with GTT.

--End of Report-

Shosh

Dr. Sujata Ghosh PhD, Biochemistry Biochemist M.Sc , Ph. D

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.
 (Post Prandial Blood Sugar (PPBS) -> Auto Authorized)

Dr. Debasree Biswas MD, Biochemistry Clinical Biochemist MBBS, MD





Patient Name: Mr Sunil Kumar Singh MRN: 17510001168851 Gender/Age: MALE, 58y (19/01/1965)

Collected On : 11/03/2023 10:52 AM Received On : 11/03/2023 11:01 AM Reported On : 11/03/2023 12:58 PM

Barcode : 802303110486 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	CLINICAL CHEMISTRY			
Test	Result	Unit	Biological Reference Interval	
HBA1C				
HbA1c (HPLC)	5.1	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)	
Estimated Average Glucose	99.67	-	-	

Interpretation:

1. 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.

2. 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.

3. Any sample with >15% should be suspected of having a haemoglobin variant.

--End of Report-

Shooh

Dr. Sujata Ghosh PhD, Biochemistry Biochemist M.Sc , Ph. D

- Abnormal results are highlighted.
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- Kindly correlate clinically.





 Patient Name : Mr Sunil Kumar Singh
 MRN : 17510001168851
 Gender/Age : MALE , 58y (19/01/1965)

 Collected On : 11/03/2023 10:52 AM
 Received On : 11/03/2023 11:49 AM
 Reported On : 11/03/2023 02:20 PM

 Barcode : 822303110042
 Specimen : Urine
 Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	CLINICAL PATH	HOLOGY	
Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Volume	30	ml	-
Colour	Pale Yellow	-	-
Appearance	Slightly- Cloudy	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Mixed PH Indicator)	5.0	-	4.8-7.5
Sp. Gravity (Dual Wavelength Reflectance)	1.011	-	1.002-1.030
Protein (Protein Error Of PH Indicator)	Present +	-	Nil
Urine Glucose (Glucose Oxidase, Peroxidase)	Negative	-	Negative
Ketone Bodies (Legal's Method)	Negative	-	Negative
Bile Salts (Dual Wavelength Reflectance/Manual)	Negative	-	Negative
Bile Pigment (Bilirubin) (Coupling Of Bilirubin With Diazonium Salt)	Negative	-	Negative
Urobilinogen (Coupling Reaction Of Urobilinogen With A Stable Diazonium Salt In Buffer)	Normal	-	Normal
Urine Leucocyte Esterase (Enzymatic, Indoxyl Ester And Diazonium Salt)	Negative	-	Negative
Blood Urine (Pseudo - Enzymatic Test, Organic Peroxidase And Chromogen)	Negative	-	Negative

Final Report

Patient Name : Mr Sunil Kumar Singh	MRN : 17510001168851	Gender/Age : MAL	E , 58y (19/01/1965)	
Nitrite (Modified Griess Reaction)	Negative	-	Negative	
MICROSCOPIC EXAMINATION				
Pus Cells	4-6	/hpf	1-2	
RBC	NIL	/hpf	0 - 3	
Epithelial Cells	1-2	/hpf	2-3	
Crystals	NIL	-	-	
Casts	Granular Cast	-	-	

--End of Report-

Dr. Shanaz Latif MD, Pathology Consultant Pathology MBBS, DTM&H, DCP, MD .Reg No 41555 : WBMC

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





 Patient Name : Mr Sunil Kumar Singh
 MRN : 17510001168851
 Gender/Age : MALE , 58y (19/01/1965)

 Collected On : 11/03/2023 10:52 AM
 Received On : 11/03/2023 11:02 AM
 Reported On : 11/03/2023 12:06 PM

 Barcode : 812303110315
 Specimen : Whole Blood
 Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	HAEMATOLO	GY LAB	
Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	13.4	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.45 L	millions/ µL	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	40.5	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	90.8	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.1	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.2	%	31.5-34.5
Red Cell Distribution Width (RDW) (Calculated)	14.1 H	%	11.6-14.0
Platelet Count (Electrical Impedance)	155	10 ³ /μL	150.0-400.0
Mean Platelet Volume (MPV) (Derived)	12.1 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	9.0	10 ³ /µL	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCSn Technology)	50.9	%	40.0-75.0
Lymphocytes (VCSn Technology)	27.7	%	20.0-40.0
Monocytes (VCSn Technology)	5.5	%	2.0-10.0
Eosinophils (VCSn Technology)	15.6 H	%	1.0-6.0

Page 1 of 2

Patient Name: Mr Sunil Kumar Singh MRN: 1751	0001168851	Gender/Age : MALE , 5	58y (19/01/1965)	
Basophils (VCSn Technology)	0.3	%	0.0-2.0	
Absolute Neutrophil Count (Calculated)	4.58	10 ³ /μL	1.8-7.8	
Absolute Lympocyte Count (Calculated)	2.49	10 ³ /μL	1.0-4.8	
Absolute Monocyte Count (Calculated)	0.5	10 ³ /μL	0.0-0.8	
Absolute Eosinophil Count (Calculated)	1.4 H	10 ³ /μL	0.0-0.45	
Absolute Basophil Count (Calculated)	0.03	10 ³ /μL	0.0-0.2	

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

--End of Report-

Dr. Sanjib Kumar Pattari MD, Pathology Consultant Pathology MBBS, MD

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





Patient Name: Mr Sunil Kumar Singh MRN: 17510001168851 Gender/Age: MALE, 58y (19/01/1965)

Collected On: 11/03/2023 10:52 AM Received On: 11/03/2023 11:01 AM Reported On: 11/03/2023 12:13 PM

Barcode : 812303110314 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	HAEMATOLOGY LAB			
Test	Result	Unit	Biological Reference Interval	
Erythrocyte Sedimentation Rate (ESR)	24 H	mm/1hr	0.0-10.0	

(Modified Westergren Method)

--End of Report-

Dr. Sanjib Kumar Pattari MD, Pathology Consultant Pathology MBBS, MD

Note

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





 Patient Name : Mr Sunil Kumar Singh
 MRN : 17510001168851
 Gender/Age : MALE , 58y (19/01/1965)

 Collected On : 17/03/2023 11:30 AM
 Received On : 17/03/2023 12:27 PM
 Reported On : 17/03/2023 01:46 PM

 Barcode : 822303170068
 Specimen : Stool
 Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9082560901

	CLINICAL PATHOLOGY		
Test	Result	Unit	Biological Reference Interval
STOOL ROUTINE EXAMINATION			
PHYSICAL EXAMINATION			
Colour	Brownish	-	-
Consistency	Semi Solid	-	-
Mucus	Present	-	-
Blood	Absent	-	-
CHEMICAL EXAMINATION			
Stool For Occult Blood	Negative	-	-
Reaction	Alkaline	-	-
MICROSCOPE EXAMINATION			
Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Trophozoite	Not Seen	-	-
Red Blood Cells (Stool)	Not Seen	-	-
Pus Cells	Occasional	/hpf	1 - 2
Starch	Present	-	-
Veg Cells	Present	-	-
Fat	Not Seen	-	

Final Report

Patient Name : Mr Sunil Kumar Singh MRN : 17510001168851 Gender/Age : MALE , 58y (19/01/1965)

Larvae

Not Seen

Bacteria

Not Seen

--End of Report-

Dr. Sanjib Kumar Pattari MD, Pathology Consultant Pathology MBBS, MD. Reg No : 53635 (WBMC)

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





ADULT TRANS-THORACIC ECHO REPORT

PATIENT NAME GENDER/AGE LOCATION	: Mr Sunil Kumar Singh : Male, 58 Years : -	PATIENT MRN PROCEDURE DATE REQUESTED BY	: 17510001168851 : 11/03/2023 02:54 PM : EXTERNAL
IMPRESSION FINDINGS	GOOD LV SYSTOLIC FU	NCTION WITH GRADE I	DIASTOLIC DYSFUNCTION.
CHAMBERS LEFT ATRIUM RIGHT ATRIUM LEFT VENTRICLE			OTION ABNORMALITY. GOOD SYSTOLIC ADE I DIASTOLIC DYSFUNCTION.
RIGHT VENTRICLE	: NORMAL.		
VALVES MITRAL AORTIC TRICUSPID PULMONARY	: NORMAL. : NORMAL. : NORMAL. : NORMAL.		
SEPTAE IAS IVS	: INTACT : INTACT		
ARTERIES AND VEI AORTA PA IVC SVC & CS PULMONARY VEINS	: NORMAL, LEFT AORTIC A : NORMAL SIZE : NORMAL SIZE & COLLAPS : NORMAL		
PERICARDIUM	: NORMAL PERICARDIAL TI	HICKNESS. NO EFFUSIO	N
INTRACARDIAC MA	ASS : NO TUMOUR, THROMBU	S OR VEGETATION SEE	Ν
OTHERS	: NIL.		

Arnal Paul

DR. ARNAB PAUL ASSOCIATE CONSULTANT ECHOCARDIOGRAPHY MBBS,PGDCC RUPA ANTONY TECHNICIAN

11/03/2023 02:54 PM

PREPARED BY	: SHAWLI MITRA(307739)	PREPARED ON	: 11/03/2023 04:39 PM
GENERATED BY	: MADHUPARNA DASGUPTA(333433)	GENERATED ON	: 21/03/2023 01:44 PM

Patient Name	Sunil Kumar Singh	Requested By	EXTERNAL
MRN	17510001168851	Procedure DateTime	2023-03-11 12:54:43
Age/Sex	58Y 1M/Male	Hospital	NH-RTIICS

USG OF WHOLE ABDOMEN(screening)

LIVER:

It is normal in size and mildly hyperechoic in echogenicity. No focal SOL is seen. The intrahepatic biliary radicles are not dilated.

PORTAL VEIN:

The portal vein is normal in calibre at the porta. There is no intraluminal thrombus.

GALL BLADDER:

It is optimally distended. No calculus or sludge is seen within it. The wall is not thickened.

CBD:

The common duct is not dilated at porta. No intraluminal calculus is seen.

SPLEEN:

It is normal in size measuring 8.6 cm and echogenicity. No focal SOL is seen. The splenoportal axis is patent and is normal in dimensions.

PANCREAS:

It is normal in size and echogenicity. The duct is not dilated. No calcification or focal SOL is seen.

KIDNEYS:

Both kidneys are normal in size, position and echogenicity. The corticomedullary differentiation is maintained. No hydronephrosis, calculus or mass is seen.

Right kidney and left kidney measures 10.4 cm and 9.8 cm respectively.

URINARY BLADDER:

It is partially distended. Visualised lumen appears clear.

Post void residual urine is insignificant.

PROSTATE:

It measures $4.4 \times 2.9 \times 3.4 \text{ cm}$ (Weight = 23 gms).

IMPRESSION:

- Grade-I fatty liver.
- Prostate weight around 23 gms with insignificant amount of post void residual urine.

NOT FOR MEDICO LEGAL PURPOSES

This is only a Radiological Impression and not Diagnosis. Like all diagnostic modalities, USG also has its limitations. Therefore USG report should be interpreted in correlation with clinical and pathological findings.

All typing and topographical error is regretted and if detected at any time is correctable. Please inform us immediately.

Assist By :Arpita

Dr. Ashish Kumar Consultant Sonologist

* This is a digitally signed valid document. Reported Date/Time: 2023-03-11 13:06:24 Page 2 of 2

Patient Name	Sunil Kumar Singh	Requested By	EXTERNAL
MRN	17510001168851	Procedure DateTime	2023-03-11 12:35:09
Age/Sex	58Y 1M/Male	Hospital	NH-RTIICS

CHEST RADIOGRAPH (PA VIEW)

FINDINGS:

- Trachea is normal and is central.
- The cardiac shadow is normal in contour.
- Mediastinum and great vessels are within normal limits.
- The hilar shadows are within normal limits.
- The costo-phrenic angles are clear.
- The lung fields and bronchovascular markings appear normal.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

• No significant radiological abnormality detected.

REPORTED BY DR. DIPTI D VAGHELA

NOT FOR MEDICO LEGAL PURPOSES

This is only a Radiological Impression and not Diagnosis. Like all diagnostic modalities, X-RAY also has its limitations. Therefore X-RAY report should be interpreted in correlation with clinical and pathological findings.

All typing and topographical error is regretted and if detected at any time is correctable. Please inform us immediately.

Gobinda Framanick

Dr. Gobinda Pramanick

MD(AIIMS, NEW DELHI), DM(PGI, CHANDIGARH) CONSULTANT INTERVENTIONAL NEURORADIOLOGIST Registration No: 61660(WBMC)

* This is a digitally signed valid document. Reported Date/Time: 2023-03-11 16:01:01