Patient Name :
 Mr Mohan Kumar Patra
 MRN : 17510001172753
 Gender/Age : MALE , 42y (02/02/1981)

 Collected On :
 25/03/2023 09:36 AM
 Received On : 25/03/2023 10:09 AM
 Reported On : 25/03/2023 11:53 AM

Barcode : 812303250244 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

	HAEMATOLOGY LAB			
Test	Result	Unit	Biological Reference Interval	
Erythrocyte Sedimentation Rate (ESR)	40 H	mm/1hr	0.0-10.0	
(NA = d) C = d (AA) = d = u = u = u = (A = d)				

(Modified Westergren Method)

--End of Report-

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

Note

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





 Patient Name :
 Mr Mohan Kumar Patra
 MRN : 17510001172753
 Gender/Age : MALE , 42y (02/02/1981)

 Collected On :
 25/03/2023 09:36 AM
 Received On : 25/03/2023 10:10 AM
 Reported On : 25/03/2023 12:15 PM

Barcode : 802303250369 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

	CLINICAL CHE	MISTRY	
Test	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Colorimetric -Diazo Method)	0.75	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.35	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Colorimetric Endpoint)	0.4	-	-
Total Protein (Biuret Method)	8.30 H	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	5.00	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.3	g/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))	62 H	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	88 H	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P- nitro Phenyl Phosphate, AMP Buffer)	136 H	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	38	U/L	15.0-73.0

Patient Name : Mr Mohan Kumar Patra MRN : 17510001172753 Gender/Age : MALE , 42y (02/02/1981)

Alphosh

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

	CLINICAL CHE	CLINICAL CHEMISTRY			
Test	Result	Unit	Biological Reference Interval		
SERUM CREATININE					
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.80	mg/dL	0.66-1.25		
eGFR	106.1	mL/min/1.73m ²	-		
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	8.91 L	-	9.0-20.0		
Serum Sodium (Direct ISE - Potentiometric)	140	mmol/L	137.0-145.0		
Serum Potassium (Direct ISE - Potentiometric)	4.1	mmol/L	3.5-5.1		
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)					
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	223 H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240		
Triglycerides (Enzymatic Endpoint Colorimetric)	195	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500		
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	35 L	mg/dL	40.0-60.0		
Non-HDL Cholesterol	188.0	-	-		
LDL Cholesterol (Non LDL Selective Elimination, CHOD/POD)	125.8 H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190		

Patient Name : Mr Mohan Kumar Patra	MRN : 17510001172753	Gender/Age : MAI	E, 42y (02/02/1981)	
VLDL Cholesterol (Calculated)	39.0	mg/dL	0.0-40.0	
Cholesterol /HDL Ratio	6.4	-	-	
Prostate Specific Antigen (PSA) (CLIA	1.04	ng/mL	0.0-2.5	

--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. (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)



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





Patient Name : Mr Mohan Kumar Patra MRN : 17510001172753 Gender/Age : MALE , 42y (02/02/1981)

Collected On: 25/03/2023 09:36 AM Received On: 25/03/2023 10:10 AM Reported On: 25/03/2023 11:31 AM

Barcode : 802303250369 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

	CLINICAL C		
Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri lodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.36	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	8.54	μg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	2.677	uIU/ml	0.4001-4.049

--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.

(-> Auto Authorized)

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



Final Report

Patient Name : Mr Mohan Kumar Patra MRN : 17510001172753 Gender/Age : MALE , 42y (02/02/1981)

Collected On: 25/03/2023 09:36 AM Received On: 25/03/2023 10:10 AM Reported On: 25/03/2023 10:56 AM

Barcode : 802303250370 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

	CLINICAL CHEMISTRY			
Test	Result	Unit	Biological Reference Interval	
Fasting Blood Sugar (FBS) (Glucose Oxidase, Peroxidase)	108 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 Mohan Kumar PatraMRN : 17510001172753Gender/Age : MALE , 42y (02/02/1981)Collected On : 25/03/2023 09:36 AMReceived On : 25/03/2023 10:30 AMReported On : 25/03/2023 11:22 AMBarcode : BR2303250029Specimen : Whole BloodConsultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

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.





Patient Name : Mr Mohan Kumar Patra MRN : 17510001172753 Gender/Age : MALE , 42y (02/02/1981)

Collected On : 25/03/2023 09:36 AM Received On : 25/03/2023 10:09 AM Reported On : 25/03/2023 12:36 PM

Barcode : 802303250371 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

	CLINICAL CHE	MISTRY	
Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	5.4	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
Estimated Average Glucose	108.29	-	-

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-

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

Note

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





Final Report

Page 1 of 1

 Patient Name : Mr Mohan Kumar Patra
 MRN : 17510001172753
 Gender/Age : MALE , 42y (02/02/1981)

 Collected On : 25/03/2023 09:36 AM
 Received On : 25/03/2023 10:04 AM
 Reported On : 25/03/2023 10:48 AM

 Barcode : 822303250024
 Specimen : Urine
 Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

	CLINICAL PATH	HOLOGY	
Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Volume	40	ml	-
Colour	Light-Yellow	-	-
Appearance	Slightly- Cloudy	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Mixed PH Indicator)	5.0	-	4.8-7.5
Sp. Gravity (Dual Wavelength Reflectance)	1.010	-	1.002-1.030
Protein (Protein Error Of PH Indicator)	Negative	-	-
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

CLINICAL PATHOLOGY

Patient Name : Mr Mohan Kumar Patra	MRN : 17510001172753	Gender/Age : M	ALE , 42y (02/02/1981)	
Nitrite (Modified Griess Reaction)	Negative	-	Negative	
MICROSCOPIC EXAMINATION				
Pus Cells	1-2	/hpf	1-2	
RBC	NIL	/hpf	0 - 3	
Epithelial Cells	1-2	/hpf	2-3	
Crystals	NIL	-	-	
Casts	NIL	-	-	

--End of Report-

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

Note

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





 Patient Name : Mr Mohan Kumar Patra
 MRN : 17510001172753
 Gender/Age : MALE , 42y (02/02/1981)

 Collected On : 25/03/2023 09:36 AM
 Received On : 25/03/2023 10:09 AM
 Reported On : 25/03/2023 10:34 AM

Barcode : 812303250245 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

T 4	HAEMATOLO		
	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	14.8	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.05	millions/ µL	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	44.7	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	88.5	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	29.3	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.1	%	31.5-34.5
Red Cell Distribution Width (RDW) (Calculated)	15.6 H	%	11.6-14.0
Platelet Count (Electrical Impedance)	155	10 ³ /μL	150.0-400.0
Mean Platelet Volume (MPV) (Derived)	12.8 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	8.0	$10^3/\mu L$	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCSn Technology)	72.6	%	40.0-75.0
Lymphocytes (VCSn Technology)	18.0 L	%	20.0-40.0
Monocytes (VCSn Technology)	7.5	%	2.0-10.0
Eosinophils (VCSn Technology)	1.5	%	1.0-6.0

Patient Name : Mr Mohan Kumar Patra MF	RN : 17510001172753	Gender/Age : MA	LE , 42y (02/02/1981)	
Basophils (VCSn Technology)	0.4	%	0.0-2.0	
Absolute Neutrophil Count (Calculated)	5.81	10 ³ /μL	1.8-7.8	
Absolute Lympocyte Count (Calculated)	1.44	10 ³ /μL	1.0-4.8	
Absolute Monocyte Count (Calculated)	0.6	10 ³ /μL	0.0-0.8	
Absolute Eosinophil Count (Calculated)	0.12	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. Reg No : 53635 (WBMC)

Note

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





Patient Name : Mr Mohan Kumar Patra MRN : 17510001172753 Gender/Age : MALE , 42y (02/02/1981)

Collected On : 25/03/2023 01:55 PM Received On : 25/03/2023 02:28 PM Reported On : 25/03/2023 02:48 PM

Barcode : 802303250677 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9860855167

	CLINICAL CHEMISTRY		
Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose	136	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





ADULT TRANS-THORACIC ECHO REPORT

PATIENT NAME GENDER/AGE LOCATION	: Mr Mohan Kumar Patra : Male, 42 Years : -	PATIENT MRN PROCEDURE DATE REQUESTED BY	: 17510001172753 : 25/03/2023 01:34 PM : EXTERNAL
	 NO SIGNIFICANT ECHC 	DCARDIOGRAPHIC ABNO	ORMALITY DETECTED.
CHAMBERS LEFT ATRIUM RIGHT ATRIUM LEFT VENTRICLE			OTION ABNORMALITY. GOOD SYSTOLIC RMAL DIASTOLIC FLOW PATTERN.
RIGHT VENTRICLE VALVES MITRAL AORTIC TRICUSPID PULMONARY	: NORMAL SIZE AND THICH : NORMAL. : NORMAL. : NORMAL. : NORMAL.	KNESS WITH NORMAL F	UNCTION
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 INTRACARDIAC MA OTHERS	 NORMAL PERICARDIAL T NO TUMOUR, THROMBU NIL. 		

Langerta Das

Page 1 of 2

DR. SANGEETA DAS CONSULTANT GENERAL MEDICINE MBBS SANTASHI GHOSH SENIOR TECHNICIAN

25/03/2023 01:34 PM

PREPARED BY	: NITA PAUL(308573)	PREPARED ON	: 25/03/2023 03:01 PM
GENERATED BY	: MADHUPARNA DASGUPTA(333433) GENERATED ON	: 03/04/2023 09:18 AM

Patient Name	Mohan Kumar Patra	Requested By	EXTERNAL
MRN	17510001172753	Procedure DateTime	2023-03-25 11:37:09
Age/Sex	42Y 1M/Male	Hospital	NH-RTIICS

USG OF WHOLE ABDOMEN (SCREENING)

LIVER:

It is enlarged 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 8.8 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:

Page 1 of 2

Both kidneys are normal in size, position and echogenicity. The corticomedullary differentiation is maintained. Clear cyst (8 mm) noted in left lower pole. No hydronephrosis or calculus is seen.

Right kidney and left kidney measures 11.7 cm and 12.0 cm respectively.

URINARY BLADDER:

It is normal in capacity. The wall is not thickened. No intraluminal calculus or mass is seen.

Post void residual urine - insignificant.

PROSTATE:

It is mildly enlarged in size measuring $3.3 \times 3.6 \times 4.3$ cm (Weight = 27 gms). It shows a homogenous echotexture and smooth outline.

IMPRESSION:

- Hepatomegaly with grade-I fatty liver.
- Prostate weight around 27 gms with insignificant 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: 2023-03-25 11:54:29

Page 2 of 2

Patient Name	Mohan Kumar Patra	Requested By	EXTERNAL
MRN	17510001172753	Procedure DateTime	2023-03-25 10:32:09
Age/Sex	42Y 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.

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.

Dr. Arathy V MBBS, DNB (Radiodiagnosis) 88249 West Bengal Medical Council

* This is a digitally signed valid document. Reported Date/Time: 2023-03-25 14:28:57