

Final Report

Patient Name: Mr Chandan Kumar Gupta MRN: 17510001235409 Gender/Age: MALE, 39y (06/04/1984)

Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 11:25 AM Reported On: 05/12/2023 02:18 PM

Barcode: BR2312050033 Specimen: Whole Blood Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

IMMUNOHAEMATOLOGY

Test Result Unit

BLOOD GROUP & RH TYPING

Blood Group (Column Agglutination Technology) B

RH Typing (Column Agglutination Technology) Positive

-- End of Report-

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.





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Final Report

Patient Name: Mr Chandan Kumar Gupta MRN: 17510001235409 Gender/Age: MALE, 39y (06/04/1984)

Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 10:01 AM Reported On: 05/12/2023 12:22 PM

Barcode: 802312050337 Specimen: Serum Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	1.03	mg/dL	0.66-1.25
eGFR	80.4	mL/min/1.73m ²	-
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	13.18	mg/dL	9.0-20.0
Serum Sodium (Direct ISE - Potentiometric)	143	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)	113	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Enzymatic Endpoint Colorimetric)	90	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	44	mg/dL	40.0-60.0
Non-HDL Cholesterol	69.0	-	-
LDL Cholesterol (Non LDL Selective Elimination, CHOD/POD)	63.3	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	18.0	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	2.6	-	-

LIVER FUNCTION TEST(LFT)

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Rabindranath Tagore International Institute of Cardiac Sciences

(A unit of Narayana Hrudayalaya Limited)

Address: Premises No 1489, 124 Mukundapur, EM Bypass, Kolkata-700099

E-mail: email.rtiics@narayanahealth.org | Web: www.narayanahealth.org

GISTIN/UIN: 19AABCN1685J1Z5



Emergencies **99033 35544**



Patient Name: Mr Chandan Kumar Gupta MRN: 17	510001235409	Gender/Age : MALE , 39y	(06/04/1984)
Bilirubin Total (Colorimetric -Diazo Method)	0.97	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.20	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Colorimetric Endpoint)	0.77	-	-
Total Protein (Biuret Method)	8.20	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.70	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.5	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.35	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	27	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	28	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P- nitro Phenyl Phosphate, AMP Buffer)	61	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	12 L	U/L	15.0-73.0

-- End of Report-

Dr. Debasree Biswas MD, Biochemistry

Clinical Biochemist MBBS, MD

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

Alphosh

99033 35544



Unit of Narayana Hrudayalaya Limited

Patient Name: Mr Chandan Kumar Gupta MRN: 17510001235409 Gender/Age: MALE, 39y (06/04/1984)

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(LFT, -> Auto Authorized)

(Lipid Profile, -> Auto Authorized)

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

(Serum Sodium, -> Auto Authorized)

(Serum Potassium, -> Auto Authorized)

(CR -> Auto Authorized)







Final Report

Patient Name: Mr Chandan Kumar Gupta MRN: 17510001235409 Gender/Age: MALE, 39y (06/04/1984)

Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 10:17 AM Reported On: 05/12/2023 10:50 AM

Barcode: 812312050243 Specimen: Whole Blood Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	15.8	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.66 H	millions/ μL	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	47.4	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	83.8	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	27.9	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.3	%	31.5-34.5
Red Cell Distribution Width (RDW) (Calculated)	14.4 H	%	11.6-14.0
Platelet Count (Electrical Impedance)	135 L	10 ³ /μL	150.0-400.0
Mean Platelet Volume (MPV) (Derived)	11.8 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	6.8	10 ³ /μL	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCSn Technology)	52.9	%	40.0-75.0
Lymphocytes (VCSn Technology)	39.3	%	20.0-40.0
Monocytes (VCSn Technology)	5.7	%	2.0-10.0
Eosinophils (VCSn Technology)	1.5	%	1.0-6.0

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Patient Name : Mr Chandan Kumar Gupta	MRN: 17510001235409	Gender/Age : I	MALE , 39y (06/04/1984)	
Basophils (VCSn Technology)	0.6	%	0.0-2.0	
Absolute Neutrophil Count (Calculated)	3.6	$10^3/\mu$ L	1.8-7.8	
Absolute Lymphocyte Count (Calculated)	2.67	$10^3/\mu$ L	1.0-4.8	
Absolute Monocyte Count (Calculated)	0.39	$10^3/\mu$ L	0.0-0.8	
Absolute Eosinophil Count (Calculated)	0.1	$10^3/\mu$ L	0.0-0.45	
Absolute Basophil Count (Calculated)	0.04	$10^3/\mu$ L	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

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- Results relate to the sample only.
- Kindly correlate clinically.







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Patient Name: Mr Chandan Kumar Gupta MRN: 17510001235409 Gender/Age: MALE, 39y (06/04/1984)

Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 10:17 AM Reported On: 05/12/2023 01:32 PM

Barcode: 812312050242 Specimen: Whole Blood - ESR Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

HAEMATOLOGY LAB

Test Result Unit Biological Reference Interval

Erythrocyte Sedimentation Rate (ESR) 07 mm/1hr 0.0-10.0

(Modified Westergren Method)

-- End of Report-

Dr. Shanaz Latif MD, Pathology

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

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Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 10:02 AM Reported On: 05/12/2023 10:47 AM

Barcode: 802312050339 Specimen: Plasma Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

CLINICAL CHEMISTRY

Test Result Unit **Biological Reference Interval**

83 mg/dL Normal: 70-99 FASTING BLOOD GLUCOSE (FBG) (Glucose Pre-diabetes: 100-125

Diabetes: => 126 ADA standards 2019

-- End of Report-

Dr. Sujata Ghosh PhD, Biochemistry

Oxidase, Peroxidase)

Biochemist M.Sc, Ph. D

Dr. Debasree Biswas MD, Biochemistry

Clinical Biochemist MBBS, MD

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Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 10:17 AM Reported On: 05/12/2023 11:16 AM

Barcode: 802312050340 Specimen: Whole Blood Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

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-

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

Alphosh

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Barcode: 802312050337 Specimen: Serum Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	1.03	mg/dL	0.66-1.25
eGFR	80.4	mL/min/1.73m ²	-
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	13.18	mg/dL	9.0-20.0
Serum Sodium (Direct ISE - Potentiometric)	143	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)	113	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Enzymatic Endpoint Colorimetric)	90	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	44	mg/dL	40.0-60.0
Non-HDL Cholesterol	69.0	-	-
LDL Cholesterol (Non LDL Selective Elimination, CHOD/POD)	63.3	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	18.0	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	2.6	-	-

LIVER FUNCTION TEST(LFT)

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E-mail: email.rtiics@narayanahealth.org | Web: www.narayanahealth.org

GISTIN/UIN: 19AABCN1685J1Z5



99033 35544



Patient Name: Mr Chandan Kumar Gupta MRN: 17	510001235409	Gender/Age : MALE , 39y	(06/04/1984)
Bilirubin Total (Colorimetric -Diazo Method)	0.97	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.20	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Colorimetric Endpoint)	0.77	-	-
Total Protein (Biuret Method)	8.20	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.70	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.5	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.35	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	27	U/L	17.0-59.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	28	U/L	<50.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	61	IU/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	12 L	U/L	15.0-73.0

-- End of Report-

Dr. Debasree Biswas MD, Biochemistry

Clinical Biochemist MBBS, MD

GISTIN/UIN: 19AABCN1685J1Z5

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

Alphosh



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(Serum Potassium, -> Auto Authorized)

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Final Report

Patient Name: Mr Chandan Kumar Gupta MRN: 17510001235409 Gender/Age: MALE, 39y (06/04/1984)

Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 10:01 AM Reported On: 05/12/2023 01:21 PM

Barcode: 802312050337 Specimen: Serum Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

CLINICAL CHEMISTRY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.55	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	11.2 H	μg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	2.348	uIU/mI	0.4001-4.049

-- End of Report-

Dr. Debasree Biswas MD, Biochemistry

Clinical Biochemist MBBS, MD

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Final Report

Patient Name: Mr Chandan Kumar Gupta MRN: 17510001235409 Gender/Age: MALE, 39y (06/04/1984)

Collected On: 05/12/2023 09:30 AM Received On: 05/12/2023 10:04 AM Reported On: 05/12/2023 11:55 AM

Barcode: 822312050029 Specimen: Urine Consultant: EXTERNAL(EXTERNAL)

Sample adequacy: Satisfactory Visit No: OP-001 Patient Mobile No: 6203498029

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Volume	30	ml	-
Colour	Light-Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Mixed PH Indicator)	5.5	-	4.8-7.5
Sp. Gravity (Dual Wavelength Reflectance)	1.014	-	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
Nitrite (Modified Griess Reaction)	Negative	-	Negative

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MICROSCOPIC EXAMINATION				
Pus Cells	2-4	/hpf	1-2	
RBC	NIL	/hpf	0 - 3	
Epithelial Cells	1-2	/hpf	2-3	
Crystals	NIL	-	-	
Casts	NIL	-	-	

-- End of Report-

Dr. Shanaz Latif MD, Pathology

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

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Patient Name	Chandan Kumar Gupta	Requested By	EXTERNAL
MRN	17510001235409	Procedure DateTime	2023-12-05 15:25:00
Age/Sex	39Y 7M/Male	Hospital	NH-RTIICS

USG OF WHOLE ABDOMEN

LIVER:

Enlarged in size and moderate increased in echogenicity. Focal hypoechoic areas noted in periportal region. Intrahepatic biliary radicles not dilated.

PORTAL VEIN:

Portal vein is normal in calibre at porta. There is no intraluminal thrombus.

GALL BLADDER:

Optimally distended. No calculus or sludge seen within it. Wall not thickened.

CBD:

Common duct is not dilated at porta. No intraluminal calculus seen.

SPLEEN:

Midlly enlarged in size measuring 12.2 cm and normal in echogenicity. No focal SOL seen.

PANCREAS:

Normal in size and echogenicity. Duct not dilated. No calcification or focal SOL seen.

KIDNEYS:

Both kidneys are normal in size, position and echogenicity. Corticomedullary differentiation maintained.

No hydronephrosis, calculus or mass is seen.

Right kidney and left kidney measures 9.0 cm and 9.9 cm respectively.

URINARY BLADDER:

Normal in capacity. Wall not thickened. No intraluminal calculus or mass seen.

Residual urine insignificant.

PROSTATE:

Normal in size measuring approx. $2.5 \times 3.8 \times 2.9 \text{ cm}$ (14 gms), homogenous in echotexture and smooth in outline.

IMPRESSION:

- Fatty liver (grade-II) with USG feature of focal fat sparring areas.
- Mild splenomegaly.

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. Suranjana Bhattacharjee Consultant Sonologist

Patient Name	Chandan Kumar Gupta	Requested By	EXTERNAL
MRN	17510001235409	Procedure DateTime	2023-12-05 11:07:15
Age/Sex	39Y 7M/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.
- No significant lung parenchymal lesion is seen.
- The costo-phrenic angles are clear.
- Both the diaphragmatic domes appear normal.
- The visualized bones and soft tissue structures appear normal.

IMPRESSION:

• No significant radiological abnormality detected.

NOT FOR MEDICO LEGAL PURPOSES

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



Dr. Sarbari Chatterjee

Consultant Radiologist

* This is a digitally signed valid document. Reported Date/Time: 2023-12-05 13:22:44