

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Suraj Suman MRN : 17530000234012 Gender/Age : MALE , 29y (31/07/1993)

Collected On : 25/03/2023 10:51 AM Received On : 25/03/2023 11:39 AM Reported On : 25/03/2023 01:00 PM

Barcode : RB2303250017 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BLOOD BANK

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group	"O"	-
RH Typing	Positive	-

--End of Report--



Dr. Mohit Pradhan
MBBS, MD Pathology
Consultant Pathologist

Note

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



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Collected On : 25/03/2023 10:51 AM Received On : 25/03/2023 11:39 AM Reported On : 25/03/2023 12:33 PM

Barcode : R42303250057 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	14.98	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.95	million/ μ L	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	44.1	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	89.0	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.3	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	34.0	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	12.7	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	269.6	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	9.75	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	7.02	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	71 H	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	21 L	%	24.0-44.0
Monocytes (VCS Technology Plus Microscopy)	01 L	%	3.0-6.0
Eosinophils (VCS Technology Plus Microscopy)	07 H	%	0.0-3.0



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Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	4.98	-	-
Absolute Lymphocyte Count	1.47	-	-
Absolute Monocyte Count	0.07	-	-
Absolute Eosinophil Count	0.49	-	-

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DEPARTMENT OF NON INVASIVE CARDIOLOGY

Report of Echocardiography /colour Doppler studies

Patient MRN : 17530000234012	Report Date : 25.03.2023
Patients Name : Mr Suraj Suman	
Age/Sex : 29Yrs / male	

DATA (all values in cms):

Aortic Root	2.4	LV end-diastolic diameter	4.3
Left atrium	3.0	LV Post-wall thickness	1.0
Right Ventricle/ RA		LV end-systolic diameter	2.7
Ventricular septum	1.0	LV Ejection fraction	65%

IMPRESSION:

**Left ventricle : No RWMA
Normal size LV cavity
Normal LV systolic function, LVEF- 65%**

Right ventricle : Normal size RV, Good RV function.

Atria : Normal.

Mitral valve : Normal,

Tricuspid valve : Normal, RVSP= RAP+ 12mmHg.

Aortic valve : Normal, peak velocity– 1.3m/sec.

Pulmonic valve : Normal, peak velocity– 0.9m/sec.

IAS & IVS : Intact.

Pericardium : Normal.

**Others : Nil,
No intra cardiac clot / vegetation / Pericardial effusion.**

**Conclusion : No RWMA
Normal LV systolic function with LVEF- 65%**

Dr. Santosh Kr. Gupta

Consultant (Non Interventional cardiology)

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Collected On : 25/03/2023 10:51 AM Received On : 25/03/2023 11:39 AM Reported On : 25/03/2023 01:13 PM

Barcode : R42303250058 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	25 H	mm/hr	0.0-10.0

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Final Report

Patient Name : Mr Suraj Suman MRN : 17530000234012 Gender/Age : MALE , 29y (31/07/1993)

Collected On : 25/03/2023 10:51 AM Received On : 25/03/2023 12:24 PM Reported On : 25/03/2023 01:27 PM

Barcode : R12303250088 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	90	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

--End of Report--



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Patient Name : Mr Suraj Suman MRN : 17530000234012 Gender/Age : MALE , 29y (31/07/1993)

Collected On : 25/03/2023 10:51 AM Received On : 25/03/2023 12:24 PM Reported On : 25/03/2023 12:50 PM

Barcode : R12303250089 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
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LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)

Cholesterol Total (Cholesterol Oxidase/Peroxidase)	178	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
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Triglycerides (LPL/GK)	142	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
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HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	31 L	mg/dL	40.0-60.0
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Non-HDL Cholesterol	147	-	-
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LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	119 H	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
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VLDL Cholesterol (Calculated)	28.4	mg/dL	<40.0
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Cholesterol /HDL Ratio (Calculated)	5.7 H	-	<4.5
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LIVER FUNCTION TEST(LFT)

Bilirubin Total (Caffeine Benzoate)	0.69	mg/dL	0.2-1.0
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Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.12	mg/dL	0.0-0.2
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Unconjugated Bilirubin (Indirect)	0.57	mg/dL	0.0-1.1
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Total Protein (Colorimetric - Biuret Method)	7.64	gm/dL	6.4-8.2
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Serum Albumin (Bromocresol Purple Dye Binding)	4.47	gm/dL	3.4-5.0
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Serum Globulin (Calculated)	3.2	gm/dL	2.0-3.5
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Albumin To Globulin (A/G)Ratio (Calculated)	1.4	-	1.0-2.1
SGOT (AST) (UV With Pyridoxal-5-phosphate)	31	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	33	U/L	16.0-63.0
Alkaline Phosphatase (ALP) (AMP Buffer)	119 H	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	19	U/L	15.0-85.0

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (Hexokinase)	84	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	7.41	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	0.88 L	mg/dL	0.9-1.3
eGFR (Calculated)	102.4	mL/min/1.73m ²	Inductive of Renal Impairment:<60 Note:eGFR is inaccurate for Hemodynamically unstable patients. eGFR is not applicable for less than 18 years of age .
Serum Sodium (Indirect IMT)	142.26	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.72	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	105.52	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	26	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.19	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	2.09	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	7.8 H	mg/dL	3.5-7.2
Serum Phosphorus (Phosphomolybdate Reduction)	4.3	mg/dL	2.6-4.7

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Patient Name : Mr Suraj Suman MRN : 17530000234012 Gender/Age : MALE , 29y (31/07/1993)

Collected On : 25/03/2023 01:32 PM Received On : 25/03/2023 02:37 PM Reported On : 25/03/2023 03:09 PM

Barcode : R12303250123 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Hexokinase)	84	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

--End of Report--



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Collected On : 25/03/2023 10:51 AM Received On : 25/03/2023 12:24 PM Reported On : 25/03/2023 01:38 PM

Barcode : R22303250024 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

SEROLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Chemiluminescence)	2.09	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	10.9	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	0.9869	μIU/mL	0.49-4.67

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Patient Name : Mr Suraj Suman MRN : 17530000234012 Gender/Age : MALE , 29y (31/07/1993)

Collected On : 25/03/2023 10:51 AM Received On : 25/03/2023 11:45 AM Reported On : 25/03/2023 01:09 PM

Barcode : R72303250029 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	20	ml	-
Colour	Straw	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (pH Indicator Method)	6.0	-	4.8-7.5
Sp. Gravity (Automated)	1.030	-	1.002-1.03
Protein (Error Of Indicators)	Nil	-	Nil
Urine Glucose (Enzyme Method (GOD POD))	Nil	-	-
Ketone Bodies (Rothers's Principle)	Nil	-	-
Bile Salts (Diazo Reaction)	Nil	-	-
Bile Pigment (Bilirubin) (Diazo Reaction)	Nil	-	-
Urobilinogen (Modified Ehrlich's Reaction)	Nil	-	-
Urine Leucocyte Esterase (Esterase Reaction With Pyrrole Compound)	Nil	-	-
Blood Urine (Peroxidase Reaction)	Nil	-	-
Nitrite (Reaction With Diazonium Compound)	Nil	-	-

MICROSCOPIC EXAMINATION

Page 1 of 2

NH Brahmananda Narayana Multispeciality Hospital

(A Unit of Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Hospital Address: Near Pardi Chowk, Tamolia, NH 33, Jamshedpur 831012

Tel +91 657 6600 500 | Email : info.bnh@narayanahealth.org | www.narayanahealth.org



Appointments

1800-309-0309 (Toll Free)

Emergencies

7654-824-365

Patient Name : Mr Suraj Suman MRN : 17530000234012 Gender/Age : MALE , 29y (31/07/1993)

Pus Cells	2-4/hpf	/hpf	0-2/hpf
RBC	Nil	-	-
Epithelial Cells	1-2/hpf	/hpf	2-3/hpf
Crystals	Nil	-	-
Casts	Nil	-	-
Bacteria	Nil	-	-
Yeast Cells	Nil	-	-
Others	Nil	-	-
Urine For Sugar (Fasting)	<20	-	-

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Patient's name: Mr. Suraj Suman Age/Sex: 29 years/M Date: 25.03.2023
Ref By: Dr. S. K. Gupta ID/IP No. 234012 OPD

USG WHOLE ABDOMEN

LIVER -

Size: Normal in size, 14.5 cm in cranio-caudal length.
Echotexture: Homogenously increased (grade-I), no focal lesion seen.
IHBD: Nil
Portal vein: Normal in caliber.

GB: Well distended, echofree. Wall is normal in thickness.
CBD: Normal in caliber.
PANCREAS: Normal in size & echotexture.
SPLEEN: Normal in size (9.5 cm) & echotexture.

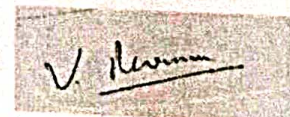
KIDNEYS:-

Right kidney:
Size: Normal, 11.3 cm in bipolar length.
Echotexture: Cortical echogenicity is normal, CMD is maintained.
Left kidney:
Size: Normal, 11.1 cm in bipolar length.
Echotexture: Cortical echogenicity is normal, CMD is maintained.
No hydronephrosis or calculus seen on either side.

URINARY BLADDER: Well distended, echofree.
PROSTATE: Normal in size (8.4 cc in volume). Echotexture is homogenous.

FREE FLUID: Nil.
*Visualized bowel loops appear normal, no significant lymphadenopathy seen.

IMPRESSION: Grade I fatty change in liver.



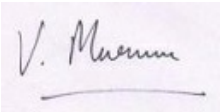
Dr (Mrs.) V. MURMU MD.
Sr. Consultant Radiologist

Patient Name	Suraj Suman	Requested By	Dr. Santosh Gupta
MRN	17530000234012	Procedure DateTime	2023-03-25 15:28:11
Age/Sex	29Y 7M / Male	Hospital	NH Jamshedpur

X-RAY CHEST (PA VIEW)

No parenchymal lesion seen in lung fields.
CP angles are clear.
Cardiac shadow is within normal limit.
Visualized bones & soft tissue appears normal.

IMPRESSION: Normal study.



Dr Violet Murmu MD.
Sr.Consultant Radiologist

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