

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Kaushal Kishore MRN : 17530000234968 Gender/Age : MALE , 38y (10/09/1984)

Collected On : 14/04/2023 11:08 AM Received On : 14/04/2023 11:30 AM Reported On : 14/04/2023 12:58 PM

Barcode : RB2304140015 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

BLOOD BANK

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group	"B"	-
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 : 14/04/2023 11:08 AM Received On : 14/04/2023 11:30 AM Reported On : 14/04/2023 11:39 AM

Barcode : R42304140049 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	13.55	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.75	million/ μ L	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	40.8	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	85.8	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.5	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.2	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.9	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	168.8	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	12.00 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	7.41	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	75 H	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	23 L	%	24.0-44.0
Monocytes (VCS Technology Plus Microscopy)	01 L	%	3.0-6.0
Eosinophils (VCS Technology Plus Microscopy)	01	%	0.0-3.0

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Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	5.56	-	-
Absolute Lymphocyte Count	1.7	-	-
Absolute Monocyte Count	0.07	-	-
Absolute Eosinophil Count	0.07	-	-

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ID: 17530000234968
Name: KAUSHAL KISHORE
Age: 38 Years
Gender: Male

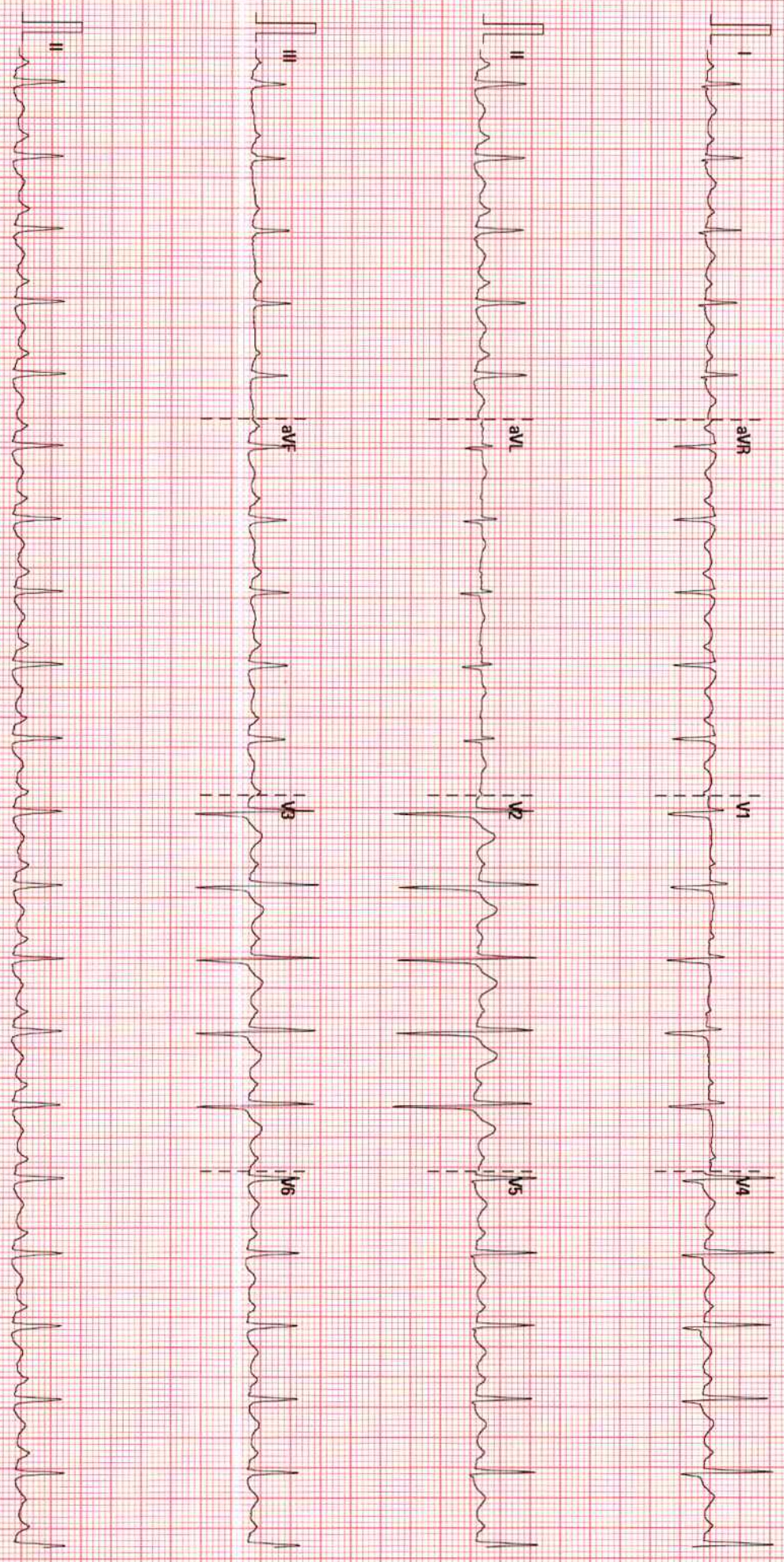
2023-04-14 12:31:00

Vent Rate 123 bpm
PR Interval 148 ms
QRS Duration 76 ms
QT/QTc Interval 282/392 ms
P/QRS/T Axes 63/66/33 deg
QTc:Hodges

123 bpm
148 ms
76 ms
282/392 ms
63/66/33 deg

Sinus tachycardia
Normal ECG except for rate

Unconfirmed Diagnosis



25 mm/s 10 mm/mV 50 Hz BDR 36 Hz

BMH JAMSHEDPUR

02.07.00.V28.4.1

SN FN-83011126

MICRO

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Barcode : R42304140050 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	63 H	mm/hr	0.0-10.0

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Collected On : 14/04/2023 11:08 AM Received On : 14/04/2023 11:53 AM Reported On : 14/04/2023 12:39 PM

Barcode : R12304140079 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	106 H	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

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Collected On : 14/04/2023 11:08 AM Received On : 14/04/2023 11:30 AM Reported On : 14/04/2023 11:53 AM

Barcode : R12304140081 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	5.2	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	102.54	%	-

Interpretation:

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

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 Collected On : 14/04/2023 11:08 AM Received On : 14/04/2023 11:58 AM Reported On : 14/04/2023 12:39 PM
 Barcode : R12304140080 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)
 Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	176	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	156 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	43	mg/dL	40.0-60.0
Non-HDL Cholesterol	133	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	102 H	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	31.2	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	4.1	-	<4.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Caffeine Benzoate)	0.74	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.27 H	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.47	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.79	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	4.31	gm/dL	3.4-5.0
Serum Globulin (Calculated)	3.5	gm/dL	2.0-3.5



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Albumin To Globulin (A/G)Ratio (Calculated)	1.2	-	1.0-2.1
SGOT (AST) (UV With Pyridoxal-5-phosphate)	61 H	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	86 H	U/L	16.0-63.0
Alkaline Phosphatase (ALP) (AMP Buffer)	275 H	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	187 H	U/L	15.0-85.0

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (Hexokinase)	104 H	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	14.79	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	1.06	mg/dL	0.9-1.3
eGFR (Calculated)	78.2	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)	138.49	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.24	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	103.33	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	21	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.49	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	2.30	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	5.3	mg/dL	3.5-7.2
Serum Phosphorus (Phosphomolybdate Reduction)	4.5	mg/dL	2.6-4.7

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Collected On : 14/04/2023 11:08 AM Received On : 14/04/2023 11:58 AM Reported On : 14/04/2023 01:05 PM

Barcode : R22304140023 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

SEROLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Chemiluminescence)	2.5	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	7.76	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	4.248	μIU/mL	0.49-4.67

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Collected On : 14/04/2023 11:08 AM Received On : 14/04/2023 12:24 PM Reported On : 14/04/2023 02:43 PM

Barcode : R72304140020 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

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)	Present (trace)	-	-
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	-	-



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MICROSCOPIC EXAMINATION

Pus Cells	4-5/h.p.f	-	-
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 Name : Mr Kaushal Kishore MRN : 17530000234968 Gender/Age : MALE , 38y (10/09/1984)

Collected On : 14/04/2023 03:28 PM Received On : 14/04/2023 03:28 PM Reported On : 14/04/2023 03:46 PM

Barcode : R72304140027 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7500230969

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Post Prandial)	<20	-

--End of Report--



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Patient Name	Kaushal Kishore	Requested By	Dr. Santosh Gupta
MRN	17530000234968	Procedure DateTime	2023-04-14 15:08:21
Age/Sex	38Y 7M / Male	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Normal in size, 13.5 cm in cranio-caudal length.

Echotexture: Normal, 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 (9.6 cm) & echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 11.4 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 11.8 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

No hydronephrosis or calculus seen on either side.

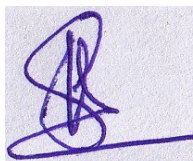
URINARY BLADDER: Empty.

PROSTATE: Normal in size (17.1 cc in volume). Echotexture is homogenous.

FREE FLUID: Nil.

*Visualized bowel loops appear normal, no significant lymphadenopathy seen.

IMPRESSION: Normal study.



Dr Shashi Bhushan Kumar
Consultant Radiologist

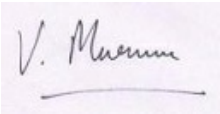
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Patient Name	Kaushal Kishore	Requested By	Dr. Santosh Gupta
MRN	17530000234968	Procedure DateTime	2023-04-14 12:57:16
Age/Sex	38Y 7M / Male	Hospital	NH Jamshedpur

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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