

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Kartik Nagpal MRN : 20010000093197 Gender/Age : MALE , 30y (04/02/1993)

Collected On : 23/02/2023 08:54 AM Received On : 23/02/2023 09:47 AM Reported On : 23/02/2023 10:17 AM

Barcode : 212302230007 Specimen : Whole Blood Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Oxymethemoglobin Method)	16.4	g/dL	13.0-17.0
Red Blood Cell Count (Coulter Principle/Electrical Impedance)	5.50	Million/ul	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	48.6	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	88	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	29.7	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.6	g/L	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.6	%	11.6-14.0
Platelet Count (Coulter Principle/Electrical Impedance)	311	Thous/ μ L	150.0-450.0
Total Leucocyte Count(WBC) (Coulter Principle /Electrical Impedance)	7.1	Thous/cumm	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCSn Technology)	60.3	%	35.0-66.0
Lymphocytes (VCSn Technology)	31.4	%	20.0-40.0
Monocytes (VCSn Technology)	5.0	%	2.0-10.0
Eosinophils (VCSn Technology)	3.2	%	1.0-6.0

Page 1 of 2

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Basophils (Calculated)	0.1	%	0.0-1.0
Absolute Neutrophil Count	4.29	-	2.0-7.0
Absolute Lymphocyte Count	2.23	-	1.0-3.0
Absolute Monocyte Count	0.36	-	0.2-1.0
Absolute Eosinophil Count	0.23	-	0.02-0.5
Absolute Basophil Count	0.01 L	-	0.02-0.1

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

--End of Report--

Seema S

Dr. Seema Sivasankaran
MD, DNB
CONSULTANT PATHOLOGIST

Note

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



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Collected On : 23/02/2023 08:54 AM Received On : 23/02/2023 09:47 AM Reported On : 23/02/2023 11:15 AM
Barcode : 212302230008 Specimen : Whole Blood - ESR Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)
Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR)	12 H	mm/1hr	0.0-10.0

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Collected On : 23/02/2023 08:54 AM Received On : 23/02/2023 09:47 AM Reported On : 23/02/2023 12:46 PM
Barcode : 212302230009 Specimen : Whole Blood Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)
Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

LAB - BLOOD BANK

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

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Collected On : 23/02/2023 08:54 AM Received On : 23/02/2023 09:47 AM Reported On : 23/02/2023 10:53 AM

Barcode : 202302230018 Specimen : Plasma Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	93	mg/dL	ADA standards 2020 =>126 : Diabetes 70 to 99 : Normal 100 to 125 : Pre-diabetes

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Patient Name : Mr Kartik Nagpal MRN : 20010000093197 Gender/Age : MALE , 30y (04/02/1993)

Collected On : 23/02/2023 10:57 AM Received On : 23/02/2023 11:43 AM Reported On : 23/02/2023 12:24 PM

Barcode : 202302230025 Specimen : Plasma Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose Oxidase, Peroxidase)	102	mg/dL	ADA standards 2020 =>200 : Diabetes 70 to 139 : Normal 140 to 199 : Pre-diabetes

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Collected On : 23/02/2023 08:54 AM Received On : 23/02/2023 09:47 AM Reported On : 23/02/2023 10:57 AM

Barcode : 202302230019 Specimen : Whole Blood Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HbA1c	5.1	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.40 Diabetes: => 6.5 ADA standards: = 2020
Estimated Average Glucose	99.67	%	-

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.

--End of Report--

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 Collected On : 23/02/2023 08:54 AM Received On : 23/02/2023 09:47 AM Reported On : 23/02/2023 11:31 AM
 Barcode : 202302230020 Specimen : Serum Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)
 Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Enzymatic Method (hydrolase, Oxidase, Peroxidase))	0.92	mg/dL	0.66-1.25
eGFR (Calculated)	96.6	mL/min/1.73m ²	Indicative of renal impairment : < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
Blood Urea Nitrogen (BUN) (Enzymatic Method (uricase))	8.62 L	mg/dL	9.0-20.0
Serum Uric Acid (Uricase, UV)	4.9	mg/dL	3.5-8.5
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	208	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Enzymatic Method)	211 H	mg/dL	Both: Normal: < 150 Both: Borderline: 150-199 Both: High: 200-499 Both: Very High: > 500
HDL Cholesterol (HDLC) (Direct Method)	37 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	171	-	-
LDL Cholesterol (Calculated)	99.46	mg/dL	Both: Optimal: < 100 Both: Near to above optimal: 100-129 Both: Borderline High: 130-159 Both: High: 160-189 Both: Very High: > 190
VLDL Cholesterol (Calculated)	42.2 H	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	5.6 H	-	0.0-5.0

Patient Name : Mr Kartik Nagpal MRN : 20010000093197 Gender/Age : MALE , 30y (04/02/1993)

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Diazo Method)	1.08	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Modified Diazo Method)	0.3	mg/dL	0.0-0.3
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.78	mg/dL	0.0-1.1
Total Protein (Biuret Method)	8.1	g/dL	6.3-8.2
Serum Albumin (PCP Dye Binding Method)	4.8	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.3	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.45	-	1.0-2.1
SGOT (AST) (UV With P5P)	23	U/L	17.0-59.0
SGPT (ALT) (UV With P5P)	26	U/L	<50.0
Alkaline Phosphatase (ALP) (PNPP With AMP Buffer)	80	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Enzymatic (Gamma Glutamyl Carboxynitrilide))	21	U/L	15.0-73.0

THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Chemiluminescence Immuno Assay (CLIA))	1.38	ng/mL	0.6-1.8
Thyroxine (T4) (Chemiluminescence Immuno Assay (CLIA))	9.95	µg/dl	3.2-12.6
TSH (Thyroid Stimulating Hormone) (Chemiluminescence Immuno Assay (CLIA))	1.393	µIU/mL	0.4-4.049

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Barcode : 222302230005 Specimen : Urine Consultant : Dr. Prabhakar Hegde(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9108372100

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Volume	40	ml	-
Colour	Pale Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction)	6.0	-	4.8-7.5
Sp. Gravity	1.010	-	-
Protein	Negative	-	Negative
Urine Glucose	Negative	-	Negative
Ketone Bodies	Negative	-	Negative
Bile Salts	Negative	-	Negative
Bile Pigment (Bilirubin)	Negative	-	Negative
Urobilinogen	Normal	-	Normal
Blood Urine	Negative	-	Negative
MICROSCOPIC EXAMINATION			
Pus Cells	1-2/hpf	-	0-2 / hpf
RBC	Not Seen	-	Nil

Page 1 of 2

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Epithelial Cells	1-2/hpf	-	-
Crystals	Not Seen	-	-
Casts	Not Seen	-	-
Urine For Sugar (Fasting) (Semiquantitative Strip Method)	Negative	-	-

--End of Report--

Dr. Seema Sivasankaran
MD, DNB
CONSULTANT PATHOLOGIST

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Patient Name	KARTIK NAGPAL	Requested By	
MRN	20010000093197	Procedure Date Time	23-02-2023 08:52
Age/Sex	30Y/Male	Hospital	NH-HSR CLINIC

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- **No significant abnormality detected.**

Handwritten signature

Dr. Tanuj Gupta MBBS, DMRD, DNB
Lead and Senior Consultant Radiologist

* This is a digitally signed valid document. Reported Date/Time: 23-02-2023 10:51

This report has been generated from NH Teleradiology 24/7, a service of Narayana Health
-- End of Report --
Page 1 of 1

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ADULT TRANS-THORACIC ECHO REPORT

PATIENT NAME : Mr Kartik Nagpal
GENDER/AGE : Male, 30 Years
LOCATION : Opd

PATIENT MRN : 20010000093197
PROCEDURE DATE : 23/02/2023 11:02 AM
REQUESTED BY : Dr. Prabhakar Hegde



INDICATIONS : ROUTINE CHECK UP

VITAL PARAMETERS : HR (BPM) :105, SINUS TACHYCARDIA, BP (MMHG) : -
WINDOW : SUBOPTIMAL

IMPRESSION

- NORMAL CHAMBERS DIMENSION
- NORMAL VALVES
- NORMAL PA PRESSURE
- NO RWMA
- NORMAL LV SYSTOLIC FUNCTION
- LVEF -60 %

FINDINGS

CHAMBERS

LEFT ATRIUM : NORMAL SIZED
AP DIAMETER(MM): 27

RIGHT ATRIUM : NORMAL SIZED
RAP(MMHG): 5

LEFT VENTRICLE : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION

LVIDD(MM)	: 36	IVSD(MM)	: 10	EDV(ML)	: 59
LVIDS(MM)	: 25	LVPWD(MM)	: 9	ESV(ML)	: 22
E/A RATIO	: 0.7	E/E'(AVERAGE)	: -	LVEF(%)	: 60

/0.5

RIGHT VENTRICLE : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION
TAPSE(MM): 20

LVOT/RVOT : NORMAL

RWMA : NO REGIONAL WALL MOTION ABNORMALITIES

VALVES

MITRAL : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL

AORTIC : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG-2MMHG

TRICUSPID : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL

PULMONARY : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG-2MMHG

SEPTAE

IAS : INTACT

IVS : INTACT

ARTERIES AND VEINS

Page 1 of 2

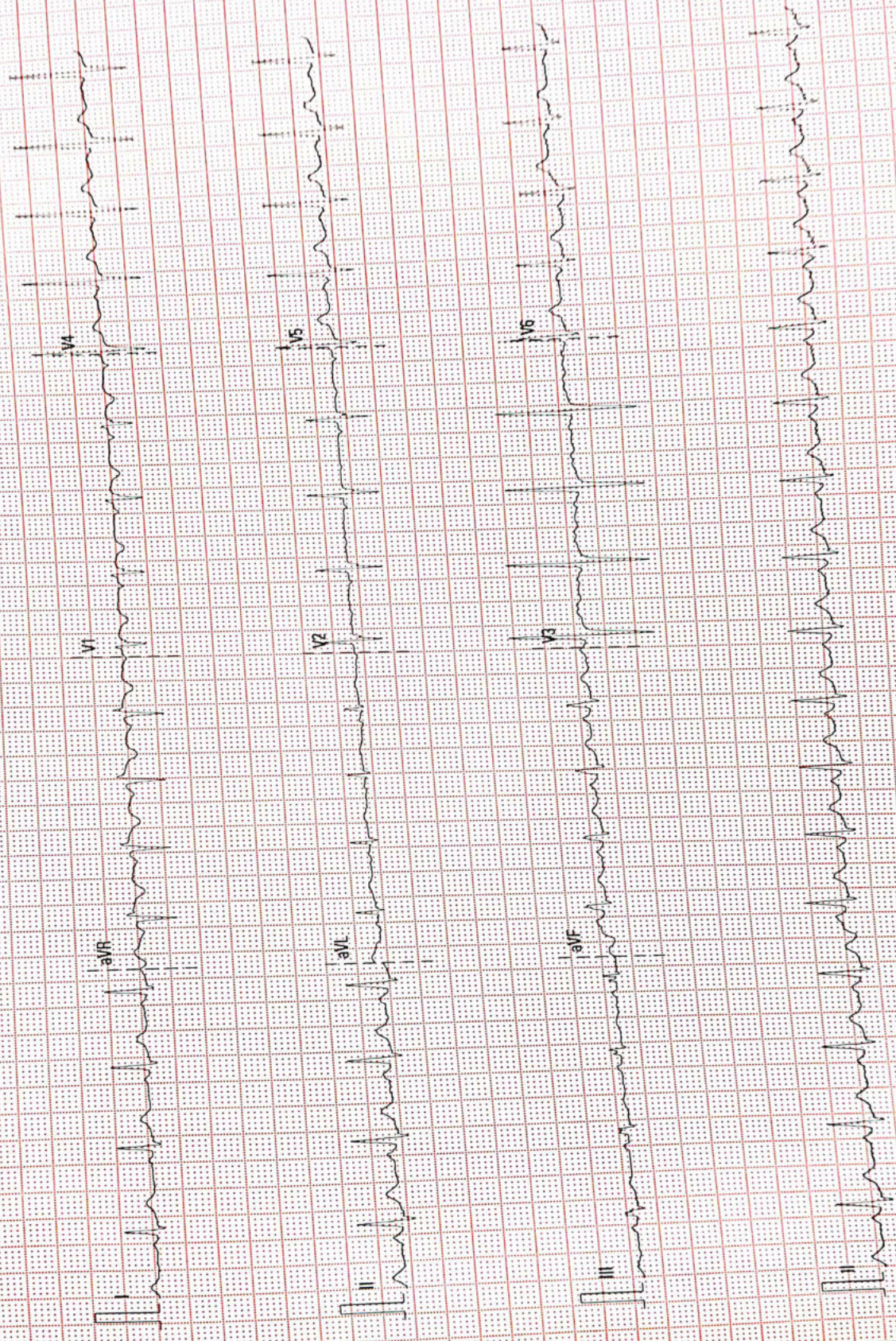
2023-02-23 10:46:54

ID: 93197
Name: MR KARTIK NAGPAL
Age: 30 Years
Gender: Male

Vent. Rate: 103 bpm
PR Interval: 128 ms
QRS Duration: 88 ms
QT/QTc Interval: 334/409 ms
P/QRS/T Axis: 66/38/38 deg
QTc Hodges

Sinus tachycardia
ST junctional depression is nonspecific
Borderline ECG

Unconfirmed Diagnosis



02.10.00.V2B.4.1 SN FR: 2505555

Maryyana Multiphasy Clinic

BOR 35 Hz

50 Hz

Patient Name : Mr Kartik Nagpal
Age : 30 Years
Referred by : EHP

MRN : 93197
Sex : Male
Date : 23-02-2023

ULTRASOUND ABDOMEN AND PELVIS

FINDINGS:

Liver is normal in size and echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

Portal vein is normal in course, caliber and shows hepatopetal flow. **CBD** is not dilated.

Gallbladder is well distended. There is no evidence of calculus/wall thickening/pericholecystic fluid.

Pancreas to the extent visualized, appears normal in size, contour echogenicity.

Spleen is normal in size, shape contour and echopattern. No evidence of mass or focal lesions.

Right Kidney is normal in size (measures 10.0 cm in length & 1.3 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size (measures 9.7 cm in length & 1.4 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Urinary Bladder is well distended. Wall thickness is normal. No evidence of calculi, mass or mural lesion.

Prostate is normal in size.

Fluid - There is no ascites or pleural effusion.

IMPRESSION:

- No significant abnormality detected.


Dr. Tanuj Gupta
Senior Consultant Radiologist

Disclaimer

Note: Investigations have their limitations. Solitary pathological/Radiological and other investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly. This report is not for Medico- Legal purposes.

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