

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Puja MRN : 17530000231190 Gender/Age : FEMALE , 27y (29/08/1995)

Collected On : 28/01/2023 09:19 AM Received On : 28/01/2023 09:51 AM Reported On : 28/01/2023 11:53 AM

Barcode : R12301280034 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	5.5	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	111.15	%	-

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--



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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Patient Name : Ms Puja MRN : 17530000231190 Gender/Age : FEMALE , 27y (29/08/1995)

Collected On : 28/01/2023 09:19 AM Received On : 28/01/2023 09:49 AM Reported On : 28/01/2023 11:47 AM

Barcode : R42301280020 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	50 H	mm/hr	0.0-12.0

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Barcode : R42301280019 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	10.68 L	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.07	million/ μ l	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	33.2 L	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	81.6	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	26.2 L	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.2	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	15.8 H	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	358.5	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	9.73	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	8.32	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	80 H	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	18 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

NH Brahmananda Narayana Multispeciality Hospital

(A Unit of Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

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Appointments
1800-309-0309 (Toll Free)

Emergencies
7654-824-365

Patient Name : Ms Puja MRN : 17530000231190 Gender/Age : FEMALE , 27y (29/08/1995)

Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	6.66	-	-
Absolute Lymphocyte Count	1.5	-	-
Absolute Monocyte Count	0.08	-	-
Absolute Eosinophil Count	0.08	-	-
Absolute Basophil Count	0.02	-	-

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

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Patient Name : Ms Puja MRN : 17530000231190 Gender/Age : FEMALE , 27y (29/08/1995)

Collected On : 28/01/2023 09:19 AM Received On : 28/01/2023 10:26 AM Reported On : 28/01/2023 11:59 AM

Barcode : R22301280004 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

SEROLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Chemiluminescence)	1.94	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	9.49	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	2.08	μIU/mL	0.49-4.67

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Collected On : 28/01/2023 09:19 AM Received On : 28/01/2023 09:49 AM Reported On : 28/01/2023 12:39 PM

Barcode : RB2301280002 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

BLOOD BANK

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

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ID: 231190
Name: MS PUA
Age: 27 Years
Gender: Female

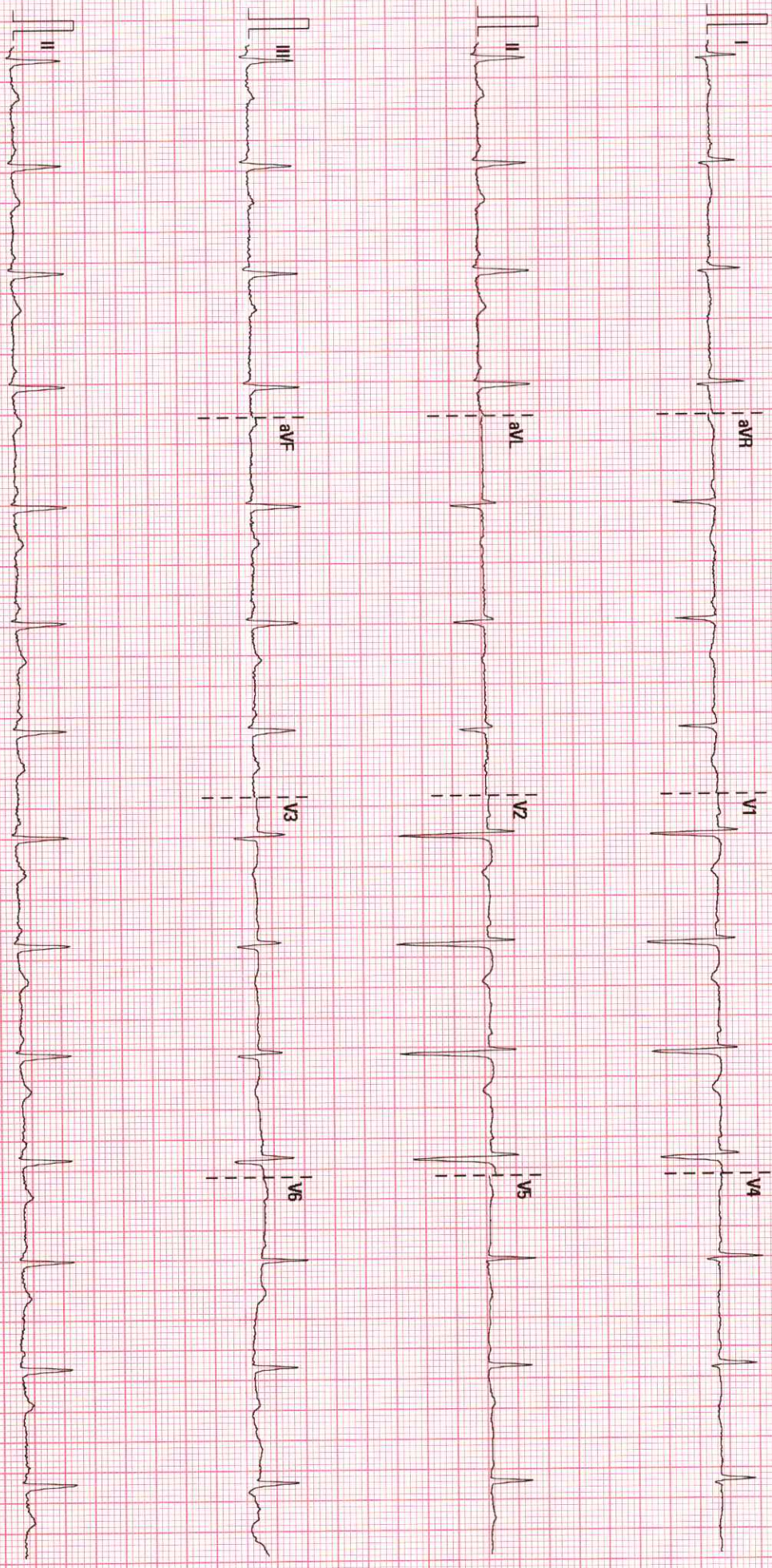
28-01-2023 10:32:49

Vent. Rate 83 bpm
PR Interval 122 ms
QRS Duration 80 ms
QT/QTc Interval 350/390 ms
P/QRS/T Axes 52/70/68 deg
DTc: Hodges

Sinus rhythm
Anteroseptal T wave abnormality is borderline for age and gender

Borderline ECG

Unconfirmed Diagnosis



25 mm/s
10 mm/mV
50 Hz
BOR 35 Hz

BNH_JAMSHEDPUR

02.07.00.V/28 4.1

SN.FN.83011126

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Collected On : 28/01/2023 09:19 AM Received On : 28/01/2023 10:26 AM Reported On : 28/01/2023 11:53 AM

Barcode : R12301280032 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	86	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

--End of Report--



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Patient Name : Ms Puja MRN : 17530000231190 Gender/Age : FEMALE , 27y (29/08/1995)

Collected On : 28/01/2023 12:07 PM Received On : 28/01/2023 12:53 PM Reported On : 28/01/2023 02:57 PM

Barcode : R12301280089 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Hexokinase)	90.	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

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Collected On : 28/01/2023 09:19 AM Received On : 28/01/2023 10:26 AM Reported On : 28/01/2023 11:53 AM

Barcode : R12301280033 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 6299730359

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	160	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	98	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	30 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	130	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	110 H	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	19.6	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	5.3 H	-	<4.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Caffeine Benzoate)	0.43	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.24 H	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.20	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	8.08	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	4.48	gm/dL	3.4-5.0
Serum Globulin (Calculated)	3.6 H	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)	22	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	17	U/L	14.0-59.0
Alkaline Phosphatase (ALP) (AMP Buffer)	80	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	11	U/L	5.0-55.0
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)	5.38 L	mg/dL	7.0-20.0
SERUM CREATININE			
Serum Creatinine (Jaffe's Kinetic IDMS)	0.48 L	mg/dL	0.6-1.1
eGFR (Calculated)	155.2	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)	138.41	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.59	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	105.42	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	26	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.00	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	2.10	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	2.7	mg/dL	2.6-6.0
Serum Phosphorus (Phosphomolybdate Reduction)	3.5	mg/dL	2.6-4.7

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Patient Name	Puja	Requested By	Dr. Santosh Gupta
MRN	17530000231190	Procedure DateTime	2023-01-28 15:19:25
Age/Sex	27Y 4M / Female	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Normal in size, 14.3 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 (7.9 cm) & echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 11 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 10.1 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.

UTERUS: Anteverted, normal in size (8.6 x 4.4 cm in size). Endometrium is central & normal in thickness. Myometrium is homogenous. Cervix is normal in thickness.

OVARIES: Normal in size & echotexture

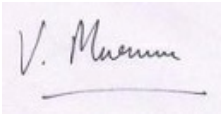
Right Ovary: 2.8 cm in bipolar length.

Left Ovary: 2.5 cm in bipolar length.

FREE FLUID: Nil

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

IMPRESSION: Normal Study.

A rectangular box containing a handwritten signature in black ink that reads "V. Murmu". Below the signature is a horizontal line.

Dr Violet Murmu MD.
Sr.Consultant Radiologist

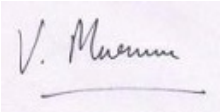
This is a digitally signed valid document. Reported Date/Time: 2023-01-28 15:23:05

Patient Name	Puja	Requested By	Dr. Santosh Gupta
MRN	17530000231190	Procedure DateTime	2023-01-28 11:33:30
Age/Sex	27Y 4M / Female	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

This is a digitally signed valid document. Reported Date/Time: 2023-01-28 15:52:33