

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Anuradha MRN : 15050000159795 Gender/Age : FEMALE , 30y (25/07/1993)

Collected On : 12/08/2023 10:48 AM Received On : 12/08/2023 11:13 AM Reported On : 12/08/2023 12:46 PM

Barcode : D62308120132 Specimen : Serum Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9873924907

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (GOD/POD)	89	mg/dL	74.0-106.0
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	186.2	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	222.6 H	mg/dL	<150.0
HDL Cholesterol (HDLc) (Colorimetric (Phosphotungstic Acid Method))	43.4	mg/dL	40.0-60.0
Non-HDL Cholesterol	142.8 H	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	109.09 H	mg/dL	<100.0
VLDL Cholesterol (Calculated)	44.5 H	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	4.3	-	<4.5
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	1.82	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	111	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	1.39	uIU/ml	0.465-4.68
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Azobilirubin Dyphylline)	0.47	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.15	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.33	mg/dL	0.1-1.0

Page 1 of 1

Dharamshila Narayana Superspeciality Hospital

A Unit of Dharamshila Cancer Foundation and Research Centre
Hospita Reg No : DHS/NH/144 | PAN No. : AAATD0451G | GST No : 07AAATD0451G1Z71

Hospital Address: Vasundhara Enclave, Near New Ashok Nagar Metro Station, Delhi 110 096
 Tel +91 11 6904-5555 | www.narayanahealth.org | info.dnsh@narayanahealth.org

Appointments

1800-309-0309

Emergencies

73700-73700

Patient Name : Ms Anuradha MRN : 15050000159795 Gender/Age : FEMALE , 30y (25/07/1993)

Total Protein (Biuret Method)	7.39	gm/dL	6.3-8.2
Serum Albumin (Bromocresol Green (BCG))	4.19	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.21	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.31	-	0.9-2.0
SGOT (AST) (P - Phosphate)	21.1	U/L	14.0-36.0
SGPT (ALT) (P - Phosphate)	13.9	U/L	<35.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	103.2	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	15.6	U/L	12.0-43.0

Jyoti

Dr. Jyoti Bala

Associate Consultant Biochemistry Reg No. :DMC 83337

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	16.0	mm/hr	0.0-20.0
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Spectrophotometry)	13.0	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.88	10 ⁶ /mm ³	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	39.2	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Calculated)	80 L	µm ³	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	26.7 L	pg	27.0-32.0

Page 2 of 4

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MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.2	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	15.7 H	%	11.5-14.0
Platelet Count (Electrical Impedance)	276	10 ³ /mm ³	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	5.9	10 ³ /mm ³	4.0-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (DHSS)	56.1	%	40.0-80.0
Lymphocytes (DHSS)	39.3	%	20.0-40.0
Monocytes (DHSS)	3.1	%	2.0-10.0
Eosinophils (DHSS)	1.4	%	1.0-6.0
Basophils (DHSS)	0.1	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.31	10 ³ /mm ³	2.0-7.5
Absolute Lymphocyte Count (Calculated)	2.32	x10 ³ cells/ μ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.19 L	x10 ³ cells/ μ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.09	x10 ³ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.01 L	x10 ³ cells/ μ 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--

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Prachi

Dr. Prachi
MBBS, MD Pathology
MBBS, MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

Note

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



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Barcode : D62308120132 Specimen : Serum Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9873924907

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	5.6	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	114.02	-	-

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.

Interpretation Notes

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations. Target goals of < 7.0 % may be beneficial in patients. Please co-relate with Blood Sugar Fasting.

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (GOD/POD)	88.7	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	7.5	mg/dL	7.0-17.0

SERUM CREATININE

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.59	mg/dL	0.5-1.04
eGFR (Calculated)	119.7	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.

Page 1 of 3

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Serum Sodium (ISE Direct)	142.2	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.46	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	104.4	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Point Assay)	24.4	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	9.80	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	2.00	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	4.48	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	4.11	mg/dL	2.5-4.5

Jyoti

Dr. Jyoti Baia

Associate Consultant Biochemistry Reg No. :DMC 83337

BLOOD BANK LAB

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

--End of Report--



Patient Name : Ms Anuradha MRN : 15050000159795 Gender/Age : FEMALE , 30y (25/07/1993)

Manoj Rawat

Dr. Manoj Rawat
Consultant & HOD, Blood Bank Center
Consultant & HOD Blood Center, DMC - 38026

Note

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



Transthoracic Echo color Doppler Report

Patient's Name	Ms. Anuradha	Age/Sex	30Years/Female
Ref By:	Dr. Alex Mathew	Date:	12/08/2023
MRN No.	15050000159795	PVT/MRD/IPD	Health Check Up

Status:- Sub optimal ECHO window

M-Mode/2-D Description

	Observed values	Normal values
Aortic root diameter diastole	24	20-36 (mm)
Left atrium size systole	24	19-40(mm)
Left Ventricular Size diastole	34	ED 37-56(mm)
Left Ventricular Size systole	22	ES 22-40 (mm)
Inter ventricular Septum diastole	07	ED 6-11(mm)
Posterior Wall thickness diastole	07	ED 6-11(mm)
End diastolic Volume	49	
End Systolic Volume	17	

- ❖ **Left Ventricle:** Left ventricle is normal sized with normal wall thickness. No regional wall motion abnormality seen, Global LVEF = 60%.
- ❖ **Right Ventricle:** Right ventricle is normal sized with normal wall thickness. No regional wall motion abnormality seen.
- ❖ **Left Atrium:** It is normal sized.
- ❖ **Right Atrium:** It is normal sized.
- ❖ **Aorta Artery:-** Its appear normal.
- ❖ **Main Pulmonary artery & its branches:** Its appear normal.
- ❖ **Mitral Valve:** Mitral valve appears normal, Subvalvular apparatus appears normal.
- ❖ **Aortic Valve:** Aortic valve appears normal.
- ❖ **Tricuspid valve:** It appears normal.
- ❖ **Pulmonary Valve:** It appears normal.
- ❖ **Pericardium:** There is no pericardial effusion.
- ❖ **Septum:** Interatrial septum and interventricular septum are intact.

Contd.....

DOPPLER/COLOUR FLOW

VALVE	MAX. VELOCITY cm/sec	PG/MG mmHg	Regurgitation Severity
MITRAL	E- 123cm/sec, A- 67cm/sec		Trace MR
AORTIC	122		No AR
TRICUSPID	198	(PASP -20 mmHg)	Trace TR
PULMONARY	56		No PR

FINAL INTERPRETATION

- ❖ No regional wall motion abnormality. Global LVEF= 60%.
- ❖ Normal sized all cardiac chambers dimensions.
- ❖ Normal RV systolic function.(TAPSE = 2.2cm)
- ❖ Mitral leaflets are normal. Trace MR.
- ❖ Aortic cusps are normal. No AS. No AR.
- ❖ Trace TR. (PASP = 20mmHg). No PR.
- ❖ MIP - Normal.
- ❖ No Intracardiac clot/mass/Vegetation/pericardial effusion.
- ❖ IVC size is normal with normal respiratory variation.
- ❖ No Pleural effusion.
- ❖ No coarctation of aorta.

Pradeep Kumar Nayak
Dr. Pradeep Kumar Nayak
 Senior Consultant - Cardiology

Dr. Sonali Dutta
 Associate Consultant - Cardiology

Note:- This is a professional opinion based on imaging finding and not the diagnosis. Not valid for medico-legal purposes.
 In case of any discrepancy due to machine error or typing error, please get it rectified immediately.



Patient Name	Anuradha	Requested By	Dr. Alex Mathew
MRN	15050000159795	Procedure DateTime	2023-08-12 17:53:30
Age/Sex	30Y/Female	Hospital	NH-Dharamshila

Inv. No.: 23675

X-RAY CHEST (PA)

- Lung fields are clear.
- Costophrenic angles are clear.
- Both domes of diaphragm are normal.
- Mediastinum and both hila are within normal limits.
- Cardiac size is normal.
- Bones under review are unremarkable.

Impression: Normal Study.

Dr. (Col.) Vikas Rastogi
MBBS, MD
SR. CONSULTANT RADIOLOGIST
DML 89340





Patient Name	Anuradha	Requested By	Dr. Alex Mathew
MRN	15050000159795	Procedure DateTime	2023-08-12 13:34:19
Age/Sex	30Y/Female	Hospital	NH-Dharamshila

Investigation No. 8585

ULTRASONOGRAPHY WHOLE ABDOMEN

Liver : Shows a normal contour & echopattern. Normal sized intrahepatic biliary and vascular channels are seen. No focal lesion. The common bile duct and portal vein are normal.

Gall bladder : Normal in size with normal wall thickness and contents.

The pancreas : The pancreas shows normal contour, echogenicity and size.

The spleen : is normal in size, contour and echopattern.

The right kidney : The right kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 9.4x 3.2 cm.

The left kidney : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 9.1 x 4.0 cm.

Urinary bladder is normal in wall & contents.

Uterus is normal in size and echogenicity of the myometrium. It measures 6.9 x 4.6 x 2.5 cm.

Endometrial stripe is normal.

Left ovary is normal in size and echopattern. Vol : ~6.6 cc.

Right ovary is bulky in size, vol : ~20 cc.

No ascites seen.

Impression :

- **Bulky right ovary. Advised - TVS**



Anjana

Dr. ANJANA CHANDRA

MBBS MD (Radiodiagnosis)

SR. CONSULTANT RADIOLOGIST

DMC - 26625



ID: 15050000159795
Name: anuradha
Age: 30 Years
Gender: Female

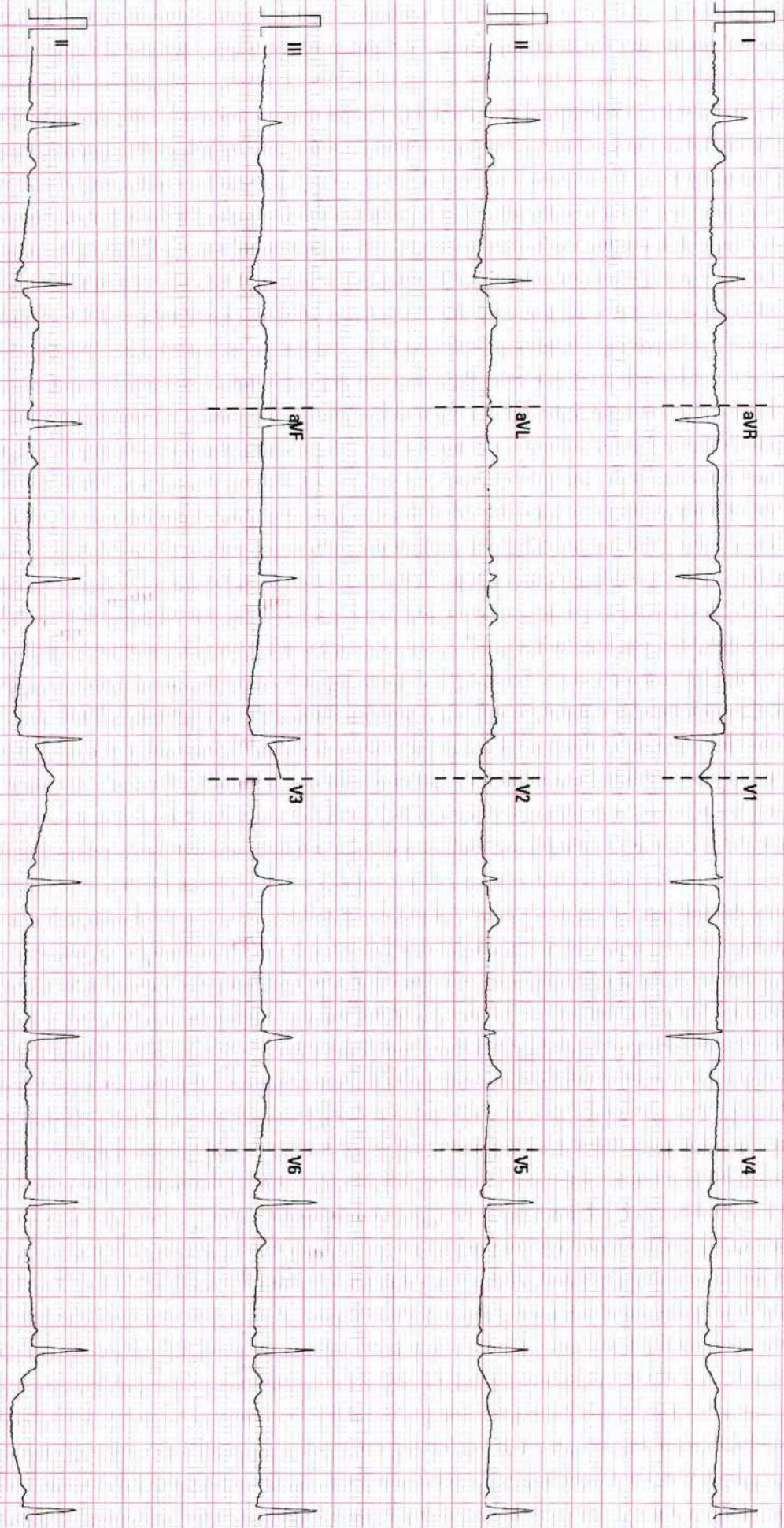
12-08-2023 11:35:24 AM

Vert. Rate
PR Interval
QRS Duration
QT/QTc Interval
P/QRS/T Axes
DTC:Hodges

58 bpm
130 ms
76 ms
390/387 ms
20/54/17 deg

Sinus rhythm
Normal ECG

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

80/6 20 Hz

02.07.00/V28.4.1

SN:FN:91014501