

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mrs VEENA MENON MRN : 1505000063119 Gender/Age : FEMALE , 36y (24/01/1987)

Collected On : 16/03/2023 10:44 AM Received On : 16/03/2023 10:58 AM Reported On : 16/03/2023 12:10 PM

Barcode : D72303160085 Specimen : Whole Blood - ESR Consultant : Dr. Praveen Roy(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-007 Patient Mobile No : 8860888116

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	10	mm/hr	0.0-20.0
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Spectrophotometry)	12.1	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.39 L	10 ⁶ /mm ³	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	37.1	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Calculated)	85	µm ³	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	27.5	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.5	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	13.5	%	11.5-14.0
Platelet Count (Electrical Impedance)	159	10 ³ /mm ³	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	5.8	10 ³ /mm ³	4.0-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (DHSS)	58.6	%	40.0-80.0
Lymphocytes (DHSS)	36.9	%	20.0-40.0
Monocytes (DHSS)	2.5	%	2.0-10.0
Eosinophils (DHSS)	1.5	%	1.0-6.0

Page 1 of 4

Dharamshila Narayana Superspeciality Hospital

(A Unit of Dharamshila Cancer Foundation and Research Centre)
 (Hospital Reg. No.: DHS/NH/144 | PAN No.: AAATD0451G | GST No.: 07AAATD0451G1Z7)

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 : Mrs VEENA MENON MRN : 15050000063119 Gender/Age : FEMALE , 36y (24/01/1987)

Basophils (DHSS)	0.5	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.4	10 ³ /mm ³	2.0-7.5
Absolute Lymphocyte Count (Calculated)	2.15	x10 ³ cells/μl	1.0-3.0
Absolute Monocyte Count (Calculated)	0.15 L	x10 ³ cells/μl	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.09	x10 ³ cells/μl	0.02-0.5
Absolute Basophil Count (Calculated)	0.03	x10 ³ cells/μl	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.

Prachi

Dr. Prachi

MBBS,MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (GOD/POD)	86	mg/dL	74.0-106.0
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	136.5	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	50.1	mg/dL	<150.0
HDL Cholesterol (HDLC) (Colorimetric (Phosphotungstic Acid Method))	45.4	mg/dL	40.0-60.0
Non-HDL Cholesterol	91.1	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	83.26	mg/dL	<100.0
VLDL Cholesterol (Calculated)	10.0	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	3.1	-	<4.5

Page 2 of 4

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THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	1.73	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	80.9	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	1.22	uIU/ml	0.465-4.68

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Azobilirubin Dyphylline)	0.67	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.02	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.65	mg/dL	0.1-1.0
Total Protein (Biuret Method)	7.32	gm/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.46	gm/dL	3.5-5.0
Serum Globulin (Calculated)	2.86	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.56	-	0.9-2.0
SGOT (AST) (P - Phosphate)	20.4	U/L	14.0-36.0
SGPT (ALT) (P - Phosphate)	9.7	U/L	<35.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	85.4	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	10.0 L	U/L	12.0-43.0

--End of Report--



Dr. Amit Samadhiya
JUNIOR CONSULTANT, MBBS, MD Biochemistry, DMC - 14287

Patient Name : Mrs VEENA MENON MRN : 1505000063119 Gender/Age : FEMALE , 36y (24/01/1987)

Note

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



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Collected On : 16/03/2023 10:44 AM Received On : 16/03/2023 10:58 AM Reported On : 16/03/2023 05:19 PM

Barcode : D62303160115 Specimen : Serum Consultant : Dr. Praveen Roy(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-007 Patient Mobile No : 8860888116

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (Enzymatic Method)	5.1	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
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.

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)	85.3	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	5.9 L	mg/dL	7.0-17.0

SERUM CREATININE

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.60	mg/dL	0.5-1.04
eGFR (Calculated)	113.2	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 4

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Serum Sodium (ISE Direct)	139.5	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.17	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	107.4 H	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Point Assay)	21.9 L	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	8.71	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	1.98	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	4.79	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	3.51	mg/dL	2.5-4.5



Dr. Amit Samadhiya
 JUNIOR CONSULTANT, MBBS, MD Biochemistry, DMC - 14287

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	Pale Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Double Indicator Method)	6.0	-	4.8-7.5
Sp. Gravity (PKa Change Ionic Concentration Method)	1.005	-	1.002-1.030
Protein (Protein Error Method)	Nil	-	Nil

Patient Name : Mrs VEENA MENON MRN : 1505000063119 Gender/Age : FEMALE , 36y (24/01/1987)

Urine Glucose (GOD/POD)	Nil	-	Nil
Ketone Bodies	Negative	-	-
Blood Urine (Pseudo Peroxidase Method)	Nil	-	-
MICROSCOPIC EXAMINATION			
Pus Cells	1-2	/hpf	1-2
RBC	Nil	/hpf	0 - 3
Epithelial Cells	6-8	/hpf	2-3
Urine For Sugar (Fasting)	Nil	-	-
Urine For Sugar (Post Prandial)	Negative	-	-

Prachi

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

BLOOD BANK LAB

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

--End of Report--

Patient Name : Mrs VEENA MENON MRN : 1505000063119 Gender/Age : FEMALE , 36y (24/01/1987)

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.



Patient Name	VEENA MENON	Requested By	Dr. PRAVEEN ROY
MRN	15050000063119	Procedure DateTime	2023-03-16 12:14:37
Age/Sex	36Y 1M/Female	Hospital	NH-Dharamshila

Investigation No.3110

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 8.6 x 3.5cm.

The left kidney : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 10.5 x 4.4cm.

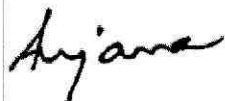
Urinary bladder is normal in wall & contents.

Uterus is normal in size and echogenicity of the myometrium. It measures 10.6 x 3.3x 5.6 cm. **? Small fibroid seen in fundal region.**

No ascites seen.

Impression :

- **? Uterine fibroid.**



Dr. ANJANA CHANDRA
MBBS MD (Radiodiagnosis)
SR. CONSULTANT RADIOLOGIST

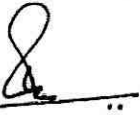
Patient Name	VEENA MENON	Requested By	Dr. PRAVEEN ROY
MRN	15050000063119	Procedure DateTime	2023-03-16 15:44:55
Age/Sex	36Y 1M/Female	Hospital	NH-Dharamshila

Inv. No.: 7189

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

Transthoracic Echo color Doppler Report

Patient's Name	Mrs. Veena Menon	Age/Sex	36Years/Female
Ref By:	Dr. Parveen Roy	Date:	16/03/2023
MRN No.	1505000063119	PVT/MRD/IPD	Mediwheel full body Health Check Up

Status:- Sub optimal ECHO window

Final Interpretation

1. Normal sized cardiac chamber dimensions.
2. No Regional wall motion abnormality, LVEF = 55%.
3. MIP - Normal
4. LVEDP – Normal
5. Normal RV systolic function. TAPSE - 2.0cm.
6. Trace MR, No AR, No PR, Trace TR (PASP -15 mmHg).
7. No clot/vegetation/pericardial effusion.
8. IVC normal with >50% collapsibility with respiration.
9. No coarctation of aorta.

Morphology :-

- ❖ Left Ventricle: It is normal sized.
- ❖ Left Atrium: It is normal sized.
- ❖ Right Atrium: It is normal sized.
- ❖ Right Ventricle: It is normal sized. RV systolic function is normal.
- ❖ Aortic Valve: Aortic valve appears tricuspid & cusps are normal.
- ❖ Mitral Valve: open normally, Subvalvular apparatus appears normal.
- ❖ Tricuspid valve: It appears normal.
- ❖ Pulmonic Valve: It appears normal.
- ❖ Main Pulmonary artery & its branches: Appear normal.
- ❖ Pericardium: There is no pericardial effusion.

DOPPLER/COLOUR FLOW

VALVE	MAX. VELOCITY cm/sec	PG/MG mmHg	REGURGITATION
MITRAL	E- 76cm/sec, A- 66cm/sec		Trace MR
AORTIC	112		No AR
TRICUSPID	145	(PASP – 15mmHg)	Trace TR
PULMONARY	73		No PR

Contd.....

M MODE & 2D Measurements

	Observed values	Normal values
Aortic root diameter	25	20-34(mm)
Left atrium size	19	19-40(mm)
Left Ventricular Size diastole	39	ED 37-56(mm)
Left Ventricular Size systole	25	ES 22-40 (mm)
Inter ventricular Septum diastole	09	ED 6-10(mm)
Posterior Wall thickness diastole	08	ED 6-10(mm)
End Diastolic Volume	68	
End Systolic Volume	22	
LV Ejection Fraction (%)	55%	55%-75%

2D EXAMINATION DESCRIPTION

2D and M Mode examination done in multiple views revealed fair movement of both mitral leaflets. Aortic valve has three cusps & cusps are normal. Tricuspid valve leaflets move normally. Pulmonary valve is normal. Ascending Aorta is normal. Interatrial septum and interventricular septum are intact.

Dimension of left atrium and left ventricle are normal. No regional wall motion abnormality seen. Global LVEF is 55%. No intracardiac mass or thrombus seen.


Dr. Pradeep Kumar Nayak
 Senior Consultant - Cardiology

Dr. Rakesh Bachloo
 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.