

DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Ms Shilpi Singh MRN : 15050000148117 Gender/Age : FEMALE , 32y (26/07/1990)

Collected On : 25/03/2023 09:15 AM Received On : 25/03/2023 09:31 AM Reported On : 27/03/2023 05:17 PM

Barcode : D72303250058 Specimen : Whole Blood Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9810932094

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Spectrophotometry)	13.1	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	5.22	10 ⁶ /mm ³	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	41.4	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Calculated)	79 L	μm ³	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	25.1 L	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	31.7 L	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	12.9	%	11.5-14.0
Platelet Count (Electrical Impedance)	286	10 ³ /mm ³	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	6.3	10 ³ /mm ³	4.0-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (DHSS)	51.0	%	40.0-80.0
Lymphocytes (DHSS)	37.0	%	20.0-40.0
Monocytes (DHSS)	3.2	%	2.0-10.0
Eosinophils (DHSS)	8.2 H	%	1.0-6.0
Basophils (DHSS)	0.6	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.22	10 ³ /mm ³	2.0-7.5

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Absolute Lymphocyte Count (Calculated)	2.34	$\times 10^3$ cells/ μ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.21	$\times 10^3$ cells/ μ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.52 H	$\times 10^3$ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.04	$\times 10^3$ 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.

Erythrocyte Sedimentation Rate (ESR)	10	mm/hr	0.0-20.0
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(Modified Westergren Method)

Prachi

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

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (GOD/POD)	100	mg/dL	74.0-106.0
Post Prandial Blood Sugar (PPBS) (Enzyme Method (GOD POD))	97 L	mg/dL	100.0-140.0
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	125.5	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	46.4	mg/dL	<150.0
HDL Cholesterol (HDLC) (Colorimetric (Phosphotungstic Acid Method))	51.5	mg/dL	40.0-60.0
Non-HDL Cholesterol	74.0	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	67.88	mg/dL	<100.0

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VLDL Cholesterol (Calculated)	9.3	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	2.5	-	<4.5

THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	2.35	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	122	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	1.24	uIU/ml	0.465-4.68

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Azobillirubin Dyphylline)	0.32	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.11	mg/dL	0.0-0.4
Unconjugated Billirubin (Indirect) (Calculated)	0.21	mg/dL	0.1-1.0
Total Protein (Biuret Method)	7.79	gm/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.54	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.25	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.4	-	0.9-2.0
SGOT (AST) (P - Phosphate)	25.7	U/L	14.0-36.0
SGPT (ALT) (P - Phosphate)	28.1	U/L	<35.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	84.8	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	15.1	U/L	12.0-43.0

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

CYTOLOGY

PAP SMEAR

Report

Lab No. – P/465/23

SPECIMEN TYPE: Pap smear (Conventional)

CLINICAL HISTORY: LMP – 02/03/23; P/V - NAD

SPECIMEN ADEQUACY

Satisfactory for evaluation
Endocervical cells present

GENERAL CATEGORIZATION

Negative for intraepithelial lesion or malignancy

INTERPRETATION / RESULT:

NEGATIVE FOR INTRAEPITHELIAL LESION OR MALIGNANCY

Non-Neoplastic findings:

Non-Neoplastic cellular variations – Present
Reactive cellular changes associated with
Inflammation - Present

Organisms - Not identified

--End of Report--



Dharamshila Narayana
Superspecialty Hospital



A Unit of Dharamshila Cancer Foundation and Research Centre

Patient Name : Ms Shilpi Singh MRN : 15050000148117 Gender/Age : FEMALE , 32y (26/07/1990)

Shailja

Dr. Shailja Bhatnagar

MBBS, DNB

CLINICAL ASSOCIATE, MBBS, DNB, DMC - 30522

Note

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



Dharamshila Narayana Superspecialty Hospital

(A Unit of Dharamshila Cancer Foundation and Research Centre)

(Hospital Reg. No.: DHS/NH/144 | PAN No.: AAATD0451G | GST No.: 07AAATD0451G1ZT)

Hospital Address: Vasundhara Enclave, Near New Ashok Nagar Metro Station, Delhi 110 096

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Appointments

1800-309-0309

Emergencies

73700-73700

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Shilpi Singh MRN : 15050000148117 Gender/Age : FEMALE , 32y (26/07/1990)

Collected On : 25/03/2023 09:15 AM Received On : 25/03/2023 09:32 AM Reported On : 25/03/2023 04:30 PM

Barcode : D62303250083 Specimen : Serum Consultant : Dr. Alex Mathew(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9810932094

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (Enzymatic Method)	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.

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)	100.1	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	10.1	mg/dL	7.0-17.0

SERUM CREATININE

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.58	mg/dL	0.5-1.04
eGFR (Calculated)	120.5	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.

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Serum Sodium (ISE Direct)	141.9	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.78	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	106.1	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Point Assay)	26.5	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	9.36	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	2.18	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	3.38 L	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	3.95	mg/dL	2.5-4.5



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

BLOOD BANK LAB

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



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

Patient Name : Ms Shilpi Singh MRN : 15050000148117 Gender/Age : FEMALE, 32y (26/07/1990)

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Colour	Pale Yellow	-	-
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Appearance	Clear	-	-
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CHEMICAL EXAMINATION

pH(Reaction) (Double Indicator Method)	6.5	-	4.8-7.5
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Sp. Gravity (PKa Change Ionic Concentration Method)	1.005	-	1.002-1.030
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Protein (Protein Error Method)	Nil	-	Nil
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Urine Glucose (GOD/POD)	Nil	-	Nil
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Ketone Bodies	Negative	-	-
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Blood Urine (Pseudo Peroxidase Method)	Nil	-	-
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MICROSCOPIC EXAMINATION

Pus Cells	1-3	/hpf	1-2
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RBC	Nil	/hpf	0 - 3
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Epithelial Cells	2-3	/hpf	2-3
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Urine For Sugar (Fasting)	Nil	-	-
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Urine For Sugar (Post Prandial)	Negative	-	-
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--End of Report--



Patient Name : Ms Shilpi Singh MRN : 15050000148117 Gender/Age : FEMALE , 32y (26/07/1990)

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.



Patient Name	Shilpi Singh	Requested By	Dr. Alex Mathew
MRN	15050000148117	Procedure DateTime	2023-03-25 11:22:08
Age/Sex	32Y 7M/Female	Hospital	NH-Dharamshila

Investigation No. 3481

ULTRASONOGRAPHY WHOLE ABDOMEN

Report:-

- **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** : is contracted **WES sign noted - suggestive of chronic calculus cholecystitis.**
- **The pancreas** : The pancreas shows normal contour, echogenicity and size.
- **The spleen** : is normal in size (8.8 cm), contour and echopattern.
- **The right kidney** : The right kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 9.9 x 4.3 cm.
- **The left kidney** : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 9.2 x 4.8 cm.
- Urinary bladder is normal in wall & contents.
- Uterus is normal in size and echogenicity of the myometrium. It measures 8.4 x 3.4 x 4.6 cm.
- Endometrial stripe is normal. It measures 0.82 cm.
- Both the ovaries are normal in size and echopattern.
- Right Ovary vol : 6.6 ml, Left Ovary vol : 6.5 ml.
- Adnexa are clear.
- No ascites seen.

Impression :

- **Chronic calculus cholecystitis.**



Dr. SHAILENDRA KR. BHARDWAJ
MBBS, DNB (Radiodiagnosis)
CONSULTANT RADIOLOGIST

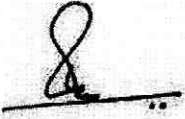
Patient Name	Shilpi Singh	Requested By	Dr. Alex Mathew
MRN	15050000148117	Procedure DateTime	2023-03-25 09:52:22
Age/Sex	32Y 7M/Female	Hospital	NH-Dharamshila

Inv. No.: 8250

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	Ms. Shilpi Singh	Age/Sex	32 Years /Female
Ref By:	Dr. Alex Methew	Date:	25/03/2023
MRN No.	15050000148117	PVT/MRD/IPD	EHP MEDIWHEEL FULL BODY Health Check Up

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 - 2.7 cm.
6. Trace MR, No AR, No PR, Trace TR (PASP - 20 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

<u>VALVE</u>	<u>MAX. VELOCITY cm/sec</u>	<u>PG/MG mmHg</u>	<u>REGURGITATION</u>
MITRAL	E- 98 cm/sec, A- 85 cm/sec		Trace MR
AORTIC	105		No AR
TRICUSPID	193	(PASP – 20 mmHg)	Trace TR
PULMONARY	80		No PR

Contd.....

M MODE & 2D Measurements

	Observed values	Normal values
Aortic root diameter	25	20-34(mm)
Left atrium size	20	19-40(mm)
Left Ventricular Size diastole	37	ED 37-56(mm)
Left Ventricular Size systole	26	ES 22-40 (mm)
Inter ventricular Septum diastole	06	ED 6-10(mm)
Posterior Wall thickness diastole	07	ED 6-10(mm)
End Diastolic Volume	28	
End Systolic Volume	25	
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. Anand Pandey

Sr. Consultant & Head Cardiologist

Dr. Sajal Gupta

Consultant Cardiologist



Dr. Anandendra Pandey
Consultant Cardiology

Dr. Rakesh BachlooConsultant -
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.