

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Vinita Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)

Collected On : 17/07/2023 11:01 AM Received On : 17/07/2023 11:09 AM Reported On : 17/07/2023 12:01 PM

Barcode : J12307170119 Specimen : Plasma Consultant : Dr. Neha Karnani(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8084056199

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Glucose Oxidase, Peroxidase)	83	mg/dL	Both: Normal: 70-99 Both: Pre-diabetes: 100-125 Both: Diabetes: => 126 ADA standards 2019

--End of Report--

*Ritu Priya*

Dr. Ritu Priya  
MBBS, MD, Biochemistry  
Consultant

Note

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



**Narayana Superspeciality Hospital**

(A Unit of Meridian Medical Research & Hospital Ltd.) CIN U85110W81995PLC071440  
Registered office : Andul Road, Podrah, Howrah 711 109  
Hospital Address : 120/1, Andul Road, Howrah 711 103  
Email: info.nshhowrah@narayanahealth.org | www.narayanahealth.org



Appointments  
**180-0309-0309 (Toll Free)**

Emergencies  
**83348 30003**



DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Vinita Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)

Collected On : 17/07/2023 11:01 AM Received On : 17/07/2023 11:09 AM Reported On : 17/07/2023 12:12 PM

Barcode : J12307170118 Specimen : Serum Consultant : Dr. Neha Karnani(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8084056199

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
<b>SERUM CREATININE</b>			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.67	mg/dL	0.52-1.04
eGFR (Calculated By MDRD Formula)	100.8	mL/min/1.73m <sup>2</sup>	Indicative for renal impairment: <60 Note: eGFR is inaccurate for Hemodynamically unstable patients . eGFR is not applicable for less than 18 years of age .
<b>Blood Urea Nitrogen (BUN)</b> (Endpoint /Colorimetric - Urease)	<b>3.27 L</b>	mg/dL	7.0-17.0
<b>Serum Sodium</b> (Direct ISE - Potentiometric)	143	mmol/L	137.0-145.0
<b>Serum Potassium</b> (Direct ISE - Potentiometric)	3.8	mmol/L	3.5-5.1
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	137	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides	116	mg/dL	Both: Normal: < 150 Both: Borderline: 150-199 Both: High: 200-499 Both: Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	30 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	107	-	-
LDL Cholesterol (Colorimetric)	90	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

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Patient Name : Vinlta Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)

VLDL Cholesterol (Calculated)	23.2	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	4.6	-	-
<b>LIVER FUNCTION TEST(LFT)</b>			
Bilirubin Total (Colorimetric -Diazo Method)	0.4	mg/dL	0.2-1.3
Conjugated Billrubin (Direct) (Calculated)	0.2	mg/dL	0.0-0.4
Unconjugated Billrubin (Indirect)	0.2	-	-
Total Protein (Colorimetric - Bluret Method)	8.3 H	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.7	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.6 H	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.31	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	30	U/L	14.0-36.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	26	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	134 H	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide ( Szasz Method))	17	U/L	12.0-43.0

--End of Report--

*Ritu Priya*

Dr. Ritu Priya  
 MBBS, MD, Biochemistry  
 Consultant

Patient Name : Vinita Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)



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Collected On : 17/07/2023 11:01 AM Received On : 17/07/2023 11:09 AM Reported On : 17/07/2023 01:54 PM

Barcode : J12307170120 Specimen : Whole Blood Consultant : Dr. Neha Karnani(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8084056199

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HbA1C			
HbA1c (HPLC)	5.6	%	Both: Normal: 4.0-5.6 Both: Prediabetes: 5.7-6.4 Both: Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
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.

--End of Report--

Ritu Priya

Dr. Ritu Priya  
MBBS, MD, Biochemistry  
Consultant

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**DEPARTMENT OF LABORATORY MEDICINE**

Patient Name : Vinita Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)

Collected On : 17/07/2023 11:01 AM Received On : 17/07/2023 11:09 AM Reported On : 17/07/2023 11:52 AM

Barcode : J22307170084 Specimen : Whole Blood Consultant : Dr. Neha Karnani(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8084056199

Test	HAEMATOLOGY		Biological Reference Interval
	Result	Unit	
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (sodium Lauryl Sulphate (SLS) Method)	<b>11.6 L</b>	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	<b>4.81 H</b>	millions/ $\mu$ L	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	38.3	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	<b>79.6 L</b>	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	<b>24.2 L</b>	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	<b>30.3 L</b>	%	31.5-34.5
Red Cell Distribution Width (RDW)	<b>17.6 H</b>	%	11.6-14.0
Platelet Count (Electrical Impedance)	<b>120 L</b>	Thous/Cumm	150.0-400.0
Mean Platelet Volume (MPV)	<b>12.2 H</b>	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	8.9	-	4.0-10.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils	71.2	%	40.0-75.0
Lymphocytes (Fluorescent Flow Cytometry)	20.8	%	20.0-40.0
Monocytes (Fluorescent Flow Cytometry)	5.3	%	2.0-10.0
Eosinophils (Fluorescent Flow Cytometry)	2.4	%	1.0-6.0

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Appointments  
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**83348 3003**



Patient Name : Vinita Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)

Basophils (Fluorescent Flow Cytometry)	0.3	%	0.0-2.0
Absolute Neutrophil Count	6.34	-	-
Absolute Lymphocyte Count	1.86	-	-
Absolute Monocyte Count	0.48	-	-
Absolute Eosinophil Count	0.22	-	-
Absolute Basophil Count	0.03	-	-

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

--End of Report--



Dr. Smita Priyam  
MBBS, MD, Pathology  
REGISTRAR

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**83348 30003**

DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Vinita Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)

Collected On : 17/07/2023 11:01 AM Received On : 17/07/2023 11:09 AM Reported On : 17/07/2023 12:42 PM

Barcode : J22307170083 Specimen : Whole Blood - ESR Consultant : Dr. Neha Karnani(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8084056199

Test	HAEMATOLOGY		Biological Reference Interval
	Result	Unit	
Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	20 H	mm/1hr	0.0-12.0

--End of Report--

*Smita Priyam*

Dr. Smita Priyam  
MBBS, MD, Pathology  
REGISTRAR

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Vinita Choubey MRN : 17650000245362 Gender/Age : FEMALE , 34y (13/01/1989)

Collected On : 17/07/2023 11:01 AM Received On : 17/07/2023 11:09 AM Reported On : 17/07/2023 12:40 PM

Barcode : J32307170012 Specimen : Serum Consultant : Dr. Neha Karnani(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8084056199

Test	Result	Unit	Biological Reference Interval
<b>IMMONOLOGY</b>			
<b>THYROID PROFILE (T3, T4, TSH)</b>			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.11	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	10.1	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	2.871	µIU/mL	Non Pregnant Euthyroid: 0.4001-4.049 Pregnancy: 1st Trimester: 0.1298-3.120 2nd Trimester: 0.2749-2.652 3rd Trimester: 0.3127-2.947

--End of Report--

Ritu Priya

Dr. Ritu Priya  
MBBS, MD, Biochemistry  
Consultant

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Appointments  
**180-0309-0309 (Toll Free)**

Emergencies  
**83348 30003**



<b>Patient Name</b>	Vinita Choubey	<b>Requested By</b>	Dr. Neha Karnani
<b>MRN</b>	17650000245362	<b>Procedure DateTime</b>	2023-07-17 10:59:53
<b>Age/Sex</b>	34Y 6M / Female	<b>Hospital</b>	NH-NMH & NSH

**USG OF WHOLE ABDOMEN ( SCREENING )**

**CLINICAL INDICATION:**

Health check up.

**USG OBSERVATIONS:**

**LIVER:** Normal in size ( 12.4 cm ), shape and outline. Parenchymal echotexture normal. No focal cystic or solid mass lesion. No intrahepatic biliary dilatation. Intrahepatic portion of IVC is normal. Porta hepatis is normal.

**GALL BLADDER:** Contracted gall bladder. Multiple calculi with posterior acoustic shadow are noted within gall bladder lumen, one such measuring 8 mm.

**C.B.D:** Not dilated. It measures 4.2 mm.

**PORTAL VEIN:** Portal vein is normal. It measures 9.5 mm.

**PANCREAS:** Parenchymal echotexture normal. MPD appears normal. No focal lesion.

**SPLEEN:** Normal in size ( 10.1 cm ) and echotexture. No focal or diffuse lesion seen.

**KIDNEYS:**

Right kidney measures 8.0 cm.

Left kidney measures 8.3 cm.

Both kidneys are normal in size, shape and outline. Parenchymal echotexture normal. Corticomedullary differentiation is well made out and is normal. Sinus echoes are normal. **Pelvi-calyceal system is dilated in both kidneys ( likely due to ? distended urinary bladder).**

**URINARY BLADDER:** Wall thickness normal. Luminal echoes normal. No calculi.

**UTERUS:** Measures: 9.3 x 3.8 x 5.2 cm. Anteverted, normal in shape & size. **Myometrium is inhomogenous.** Endometrium thickness measures 5.8 mm. **Cervical mucosa appears irregular.**

**BOTH OVARIES:**

Right ovary: 2.9 x 1.1 x 2.7 cm, Volume : 4.7 cc.

**Left ovary: 3.6 x 2.4 x 2.8 cm, Volume : 13.1 cc.**

Right ovary is normal in size, shape and echo pattern and show normal follicular pattern.

**Left ovary is bulky in size & adhered to uterus.**

POD is clear.

No Ascites/ pleural effusion is seen at present.



**PATIENT HELPLINE**

**186-0208-02**

Meridian Medical Research & Hospital  
Narayana Superspeciality Hospital

(CIN NO: U85110W81995PLC07)

120/1, Andul Road, Howrah-71

(Junction of 2nd Hooghly Bridge & Andul Road)

Tel: 080-7122



**IMPRESSION:**

**Present study suggests:**

- **Chronic calculous cholecystitis.**
- **Dilated bilateral pelvi-calyceal system ( likely due to ? distended urinary bladder ).**
- **Inhomogenous uterine myometrium.**
- **Bulky left ovary, adhered to uterus --TVS suggested.**
- **Cervicitis.**

*Not for medico legal purpose. Like all diagnostic modalities, USG also has its limitations. Therefore USG report should be interpreted in correlation with clinical and pathological findings. All typing and topographical error is regretted and if detected at any time is correctable. Please inform us immediately.*

*Maitri*

**Dr. MAITRI RANG**  
CONSULTANT SONOLOGIST  
MBBS,CBET (IPGMER & SSKM HOSPITAL)  
REGISTRATION NO - 89027 WBMC

This is a digitally signed valid document. Reported Date/Time: 2023-07-18 12:29:07



PATIENT HELP

186-0208-0

Meridian Medical Research & Hospi  
Narayana Superspeciality H  
(CIN NO: U85110W81995PLCC  
120/1, Andul Road, Howrah-  
(Junction of 2nd Hooghly Bridge & And  
Tel: 080-71

**Patient details:**

Name:MS.VINITA CHOUBEY

Age: 34 YEARS

Examination Date: 17.07.2023

Consultant Name:DR.N. KARNANI

Gender:FEMALE

Processed Date: 17.07.2023

Patient Location: OPD

**ECHOCARDIOGRAPHY REPORT****MEASUREMENT:**

AO: 23 (20-40) mm	LVID(d): 36 (36-52) mm	IVS(d): 09 (6-11) mm
LA: 32 (19-40) mm	LVID(s): 21 (23-39) mm	PWd: 09 (6-11) mm
RVOT: 19 mm		LVEF ~ 64 %

**VALVES:**

Mitral Valve : Normal

Aortic Valve : Normal

Tricuspid Valve : Normal

Pulmonary Valve : Normal

**CHAMBERS (Dimension)**

Left Atrium : Normal

Right Atrium : Normal

Left Ventricle : Normal

Right Ventricle : Normal

**SEPTAL**

IVS : Intact

IAS : Intact

**GREAT ARTERIES:**Aorta :  09849130003

Pulmonary Artery : Normal

**PATIENT HELPLINE****186-0208-0208**

Meridian Medical Research &amp; Hospital Ltd.

Narayana Superspeciality Hospital

(CIN NO: U85110W81995PLC071440)

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(Junction of 2nd Hooghly Bridge &amp; Andul Road)

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**DOPPLER DATA:**

	Velocity(in m/s)	Peak PG(mmHg)	Mean PG(mmHg)	Regurgitation
Mitral	E - 0.9 , A - 0.5			0/4
Aortic	1.4	8.1		Trivial
Tricuspid	2.2	19		Trivial
Pulmonary	1.1	5.5		0/4

**LVOT** : No significant gradient noted.

**Vegetation/Thrombus** : Nil

**Pericardium** : Normal

**Other Findings** : E/E':06

**Final Diagnosis:**

Normal size cardiac chambers.  
No significant regional wall motion abnormality of LV at rest.  
Normal LV systolic function. LV EF~ 64%

Clinical correlation please.

NOTE: Echo of Patient: MS.VINITA CHOUBEY

MRN: 17650000245362

has been done on 17.07.2023 and reported on 17.07.2023



**Dr. Masud Syed mehed**  
Associate consultant

**TECHNICIAN**

TB: K. DEB



**PATIENT HELPLINE**  
**186-0208-0208**

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