

DR. SANJAY KR. SHARMA

MD, DM (Cardiology)

FIMSA, FECC, FSCAI (USA)

Consultant Clinical & Interventional

Cardiology



IMPRESSION

Normal study.

No clot, vegetation, pericardial effusion.
No LALV dx
No RVAS
MIP-Normal
No RVAS
No RVT/RT
Normal cardiac chamber size

COMMENTS & SUMMARY

No RVMA, LVEF=60%

PERICARDIUM

Normal/Thickening/Calcification/Effusion
Normal/Enlarged/Clear/Thrombus
Normal/Enlarged/Clear/Thrombus
Normal/Enlarged/Clear/Thrombus
Normal/Reduced/Regional wall motion abnormality: Nil

CHAMBERS

Normal/Enlarged/Clear/Thrombus/hypertrophy, Contaction

LA

RV

EF

LVED (ml)

RVED

MSAD

LVes

Aorta

Measurements

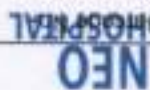
Normal Values

Normal Values

LA es	2.7	(2.0-2.7 cm)
LV ed	3.5	(2.4-3.0 cm)
PW (LV)	1.0/1.8	(0.6-1.1 cm)
RV Atrial/Wall		(0.7-2.5 cm)
LVS (ml)		(54%-78%)
VS motion		Normal/Flatt/Paradoxical
Any Other		

*** End Of Report ***

DEPARTMENT OF CARDIOLOGY



Phones : 0120 - 4880000, 3120000

email - info@neohospital.com website - www.neohospital.com



M315387

Mrs. VINAY

Age / Sex

Registration Date

Reporting Date

Approved Date

19-Mar-2024 08:55 AM

19-Mar-2024 02:02 PM

19-Mar-2024 02:26 PM

Patient Name

IPD No.

UHD

Referring Doctor

Dr. Rakesh Malhotra (H)

Passport No.

Dr. Vinay Sarda





Barcode No.	: M15387
Patient NAME	: Mrs. VINAY
Sample Coll. DATE	: 19-Mar-2024 09:22 AM
UHD	: 284457
IPD No. / Ward	: /
Referring Doctor	: Dr. Rakesh Malhotra (H)
Passport No.	:
Sample Receiving DATE	: 19-Mar-2024 09:49 AM
Reporting DATE	: 19-Mar-2024 05:20 PM
Approved DATE	: 19-Mar-2024 05:22 PM
Age / Sex	: 45.5 YRS / Female

DEPARTMENT OF BIOCHEMISTRY

Test Name	Date	Status	Result	Unit	Bio Ref Interval
Blood Sugar Fasting	19/Mar/24 05:26PM	H	101.0	mg/dl	70-100
Blood Sugar Post Prandial	19/Mar/24 05:22PM	H	151.0	mg/dl	70.0-140.0

Prepared By : Mrs. Anita

Printed By : Mr. KAMAL VERMA

The new health care destination
 Neo Hospital Laboratory, Noida
 A unit of Muskan Medical Centre Pvt. Ltd.

MULTISPECIALITY



Barcode No. : M315387
 Patient NAME : Mrs. VINAY
 Sample Coll DATE : 19-Mar-2024 09:22 AM
 UHID : 284457
 Referring Doctor : Dr. Rakesh Malhotra (H)
 Passport No. :

Age / Sex : 45.5 YRS / Female
 Sample Receiving DATE : 19-Mar-2024 09:49 AM
 Reporting DATE : 19-Mar-2024 02:27 PM
 Approved DATE : 19-Mar-2024 03:24 PM

DEPARTMENT OF HAEMATOLOGY

Complete Haemogram (Automated)

Date : 19-Mar-24
 Status : 05:28PM

Parameter	Value	Unit	Bio Ref Interval
Haemoglobin (whole blood/impedance method)	13.0	g/dl	13.0-17
Total Leucocyte Count (TLC) (whole blood/impedance method)	7200	cells/mm	4000-10000
Neutrophil	61.9	%	45-70
Lymphocyte	19.2	%	20-40
Eosinophils	14.9	%	1.0-5.0
Monocytes	3.8	%	2.0-10.0
Basophils	0.2	%	0.0-1.0
Packed Cell Volume (PCV) (whole blood/calculation)	37.8	%	36-46
Red Blood Cell Count (whole blood/impedance method)	4.30	million/mm	3.8-4.8
Mean Cell Volume (MCV) (whole blood/calculation)	88.2	f	83-101
Mean Cell Haemoglobin (MCH) (whole blood/calculation)	30.3	pg	27-32
MCHC (whole blood/calculation)	34.4	g/dl	31.5-34.5
RDW - CV (whole blood/calculation)	12.6	%	11.0-16.0
Platelet Count (whole blood/impedance method)	2.50	lakh/cm	1.5-4.0
MPV (Mean Platelet Volume)	10.1	fL	8.5-12.0
ESR	16	mm/hr	0-15

Abnormal Haemograms are reviewed confirmed microscopically.
 Complete Haemogram : EDTA Whole Blood-Tests done on Automated Five Part Cell Counter (Hb is performed by photometric method,WBC,RBC,Platelet Count by impedance method,WBC differential by Flow Cytometry technology other parameters calculated) All

Prepared By : Mr. KAMAL VERMA

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Barcode No. : M015387
 Patient NAME : Mrs. VINAY
 Sample Coll DATE : 19-Mar-2024 09:22 AM
 UHID : 284457
 Referring Doctor : Dr. Rakesh Malhotra (H)
 Passport No. :
 Sample Receiving DATE : 19-Mar-2024 09:49 AM
 Reporting DATE : 19-Mar-2024 10:38 AM
 Approved DATE : 19-Mar-2024 03:24 PM
 Age / Sex : 45.5 YRS / Female

DEPARTMENT OF BIOCHEMISTRY

KFT (Kidney Function Test)* (Serum - Serum)

Date	Status	19/Mar/24	05:20PM	Unit	Bio Ref Interval
Blood Urea		18.0		mg/dl	15.0-37.0
Serum Creatinine		0.5		mg/dl	0.52-1.04
Uric Acid		4.6		mg/dl	2.5-6.2
Sodium (Na+)		137.0		mmol/L	137.0-145.0
Potassium (K+)		5.0		mmol/L	3.5-5.1
Chloride (Cl-)		105.0		mmol/L	98.0-107.0
Serum Calcium		9.1		mg/dl	8.4-10.2
Phosphorus Serum		3.3		mg/dl	2.5-4.5
Alkaline Phosphatase (ALP)		73.0		U/L	36.0-126.0
Total protein		7.2		g/dl	6.3-8.2
Albumin		3.8		g/dl	3.5-5.0
Albumin/Globulin Ratio (Calculated)		1.1		Ratio	1.0-2.1
*GFR		133.1		ml/min	-
Lipid Profile* (Serum - Serum)					
Total Cholesterol	H	211.0		mg/dl	<200
TGlyceride		103.0		mg/dl	<150.0
HDL Cholesterol		50.0		mg/dl	>40.0

Prepared By : Mrs. Anita
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 * Test conducted under NABL scope
 A unit of Asian Hospital Centre Pvt. Ltd.
 Page 3 of 6



Barcode No. : MB15387
 Patient NAME : Mrs. VINAY
 Sample Coll. DATE : 19-Mar-2024 09:22 AM
 UHID : 284457
 IPD No. / Ward : /
 Referring Doctor : Dr. Rakesh Malhotra (H)
 Passport No. :

Age / Sex : 45.5 YRS / Female
 Sample Receiving DATE : 19-Mar-2024 09:49 AM
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DEPARTMENT OF BIOCHEMISTRY

LDL	(calculator)	140.4	H	<100.0	mg/dl
VLDL	(calculator)	20.8		<30	mg/dl
LDL/HDL Ratio	(calculator)	2.81		<3.0	
Total Cholesterol : HDL Ratio	(calculator)	4.22		<5.0	

NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014)	TOTAL CHOLESTEROL in mg/dL	TRIGLYCERIDE in mg/dL	LDL CHOLESTEROL in mg/dL	NON HDL CHOLESTEROL in mg/dL
Optimal	<200	<150	<100	<130
Above Optimal	-	-	100-129	130 - 159
Borderline High	200-239	150-199	130-159	160 - 189
High	>=240	200-499	160-189	190 - 219
Very High		>=500	>=190	>=220

Note:
 1. Measurements in the same patient can show physiological analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.
 2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
 3. Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
 4. NLA-2014 identifies Non HDL Cholesterol as an indicator of all atherogenic lipoproteins such as LDL, VLDL, IDL, Lp(a), Chylomicron remnants along with LDL-cholesterol as co-primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL.

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Prepared By : Mr. KAMAL VERMA

Prepared By : Mr. Anil



Barcode No.	M315387
Patient NAME	Ms. VINAY
Sample Coll DATE	19-Mar-2024 10:28 AM
UHID	284457
IPD No. / Ward	/
Referring Doctor	Dr. Rakesh Malhotra (H)
Passport No.	:
Age / Sex	: 45.5 YRS / Female
Sample Receiving DATE	: 19-Mar-2024 10:47 AM
Reporting DATE	: 19-Mar-2024 03:17 PM
Approved DATE	: 19-Mar-2024 03:24 PM

DEPARTMENT OF CLINICAL PATHOLOGY

Urine for Sugar Fasting* (Random Urine)
 Date Status 19-Mar-24 07:01PM NIL
 Urine for Sugar Fasting

Unit Bio Ref Interval

Prepared By : Mrs. Anita

Printed By : Ms. KAMAL VERMA

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A unit of Mukesh Medical Centre Pvt. Ltd.



Barcode No.	M315387
Patient NAME	Mr. VINAY
Sample Coll. DATE	19-Mar-2024 01:51 PM
LHID	286457
IPD No. / Ward	/
Referring Doctor	Dr. Rakesh Malhotra (H)
Passport No.	
Sample Receiving DATE	19-Mar-2024 02:50 PM
Reporting DATE	19-Mar-2024 07:01 PM
Approved DATE	19-Mar-2024 07:21 PM
Age / Sex	45.5 YRS / Female

DEPARTMENT OF CLINICAL PATHOLOGY

Date	Status	Unit	Bio Ref Interval
19-Mar/24	07:21PM	NIL	

*** End Of Report ***

Dr. Rakesh Gupta
 (Consultant Microbiology)

Dr. Isha Arora
 M.B.B.S., M.D.
 (Consultant Pathologist)

Dr. Manoj Sharma
 M.B.B.S., D.N.B.
 (Consultant Pathologist)

Dr. Anshu Singhal
 M.B.B.S., M.D.
 (Consultant Pathologist)

Prepared By: Mrs. Anita

The new health care destination
 (*) Test conducted under NABL scope MC-3302, Neo Hospital Laboratory, Noida

Prepared By: Mr. KAMAL VERMA

MULTISPECIALITY

A unit of Maxima Hospital, Gurgaon Pvt. Ltd.



Certificate No. N-2014-0004

Barcode No.
 Patient NAME
 Sample Coll. DATE
 U/HID
 IPD No. / Ward
 Referring Doctor
 Passport No.

M315387
 Mrs. VINAY
 19-Mar-2024 09:22 AM
 284457
 /
 Dr. Rakesh Malhotra (H)

Sample Receiving DATE : 19-Mar-2024 09:49 AM
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Age / Sex : 45.5 YRS / Female



DEPARTMENT OF IMMUNOLOGY

Decreased or	Within Range	Within Range	T3 Toxiosis	Non-Thyroidal Illness
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Prepared By : Mrs. Anita

Printed By : Mr. KAMAL VERMA

These values are only indicative and confirmatory tests should be done at a reference laboratory.

MULTISPECIALITY
 A unit of Maxima Hospital & Health Services Pvt. Ltd.
 Maxima Hospital & Health Services Pvt. Ltd., Noida



Barcode No. : M315387
 Patient NAME : Mrs. VINAY
 Sample Coll DATE : 19-Mar-2024 09:22 AM
 UHID : 284457
 IPD No. / Ward : /
 Referring Doctor : Dr. Rakesh Malhotra (H)
 Passport No. :

Age / Sex : 45.5 YRS / Female
 Sample Receiving DATE : 19-Mar-2024 09:49 AM
 Reporting DATE : 19-Mar-2024 11:18 AM
 Approved DATE : 19-Mar-2024 03:24 PM

DEPARTMENT OF BIOCHEMISTRY

HbA1c (fasting) : 6.2%

Date : 19/03/24
 Status : 08:20PM

Unit : %
 Bio Ref Interval : <5.7
 MGDL : <117

AVERAGE BLOOD SUGAR : 131.0

Interpretation :

HbA1c :

HbA1c :

As per American Diabetes Association (ADA)	
Reference Group	HbA1c in %
Non-diabetic adults	<5.7%
Pre-diabetic	5.7-6.4%
Diabetic	>or = 6.5%
ADA Target	>7.0
Action suggested	>8.0

Glycation is nonenzymatic addition of sugar residue to amino groups of proteins. HbA1c is formed by condensation of glucose with a-terminal valine residue of each beta chain of hb a to form an unstable Schiff base. It is the major fraction, constituting approximately 80% of HbA1. Formation of glycated hemoglobin (Ghb) is essentially irreversible and the concentration in the blood depends on both the lifespan of red blood cells (120 days) and the blood glucose concentration. The Ghb concentration represents the integrated values for glucose over a period of 6 to 8 weeks. Ghb values are free of day to day glucose fluctuations and are unaffected by recent exercise or food ingestion. Concentration of plasma glucose concentration in Ghb depends on the time interval, with the most recent values providing a larger contribution than earlier values. The interpretation of Ghb depends on RBC having normal life span. Patients with hemolytic disease or other conditions with shortened RBC survival exhibit a substantial reduction of Ghb. High Ghb is been reported in iron deficiency anaemia.

Prepared By : Mrs. Anita

The new health care destination

Printed By : Mr. KAMAL VERMA

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(* Test conducted under NABL scope MC-3302 Neo Hospital Laboratory, Noida

A Unit of Modern Medical Centre Pvt. Ltd



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 email : info@neohospital.com website : www.neohospital.com



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DEPARTMENT OF CLINICAL PATHOLOGY

Urine for Sugar Fasting* (Random / OTHER)

Date : 19-Mar-24
 Status : 07:01PM
 Unit : Bio Ref Interval
 Nil

Prepared By : Mrs. Anitha

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These values are only indicative not for confirmation. Please refer to the laboratory report for details.
 (*) Test conducted under NABL scope MC-3302 Neo Hospital Laboratory, Noida.

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Printed By : Ms. KAVYA VERMA



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Barcode No.
 Patient NAME
 Sample Coll DATE
 LHID
 IPD No. / Ward
 Referring Doctor
 Passport No.

M015387
 Mrs. VINAY
 19-Mar-2024 01:51 PM
 284457
 /
 Dr. Rakesh Malhotra (H)

Sample Receiving DATE : 19-Mar-2024 02:50 PM
 Reporting DATE : 19-Mar-2024 07:01 PM
 Approved DATE : 19-Mar-2024 07:21 PM

Age / Sex : 45.5 YRS / Female

DEPARTMENT OF CLINICAL PATHOLOGY

Urine for Sugar PP* (Random Urine)
 Date
 Status
 19/Mar/24
 07:21PM
 NIL

Unit
 Bio Ref Interval

Prepared By : Mrs. Anita

These values are only indicative and confirmatory tests should be done at the reference laboratory.
 The new health care destination

Printed By : Mr. KAMAL VERMA

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* Test conducted under NABL scope MC-3302 Neo Hospital Laboratory, Noida



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DEPARTMENT OF BIOCHEMISTRY

LFT PANEL (LIVER FUNCTION TEST)

Date 19/Mar/24 Status 05:28PM

Parameter	Result	Unit	Bio Ref Interval
Bilirubin Total	0.6	mg/dl	0.2-1.3
Bilirubin Direct	0.2	mg/dl	0.0-0.3
Bilirubin Indirect	0.4	mg/dl	0.0-1.1
Aspartate Transaminase (SGOT, AST)	31.0	U/L	14.0-38.0
SGPT, ALT (Alanine Transaminase)	33.0	U/L	<36.0
Alkaline Phosphatase (ALP)	73.0	U/L	38.0-126.0
Total protein	7.2	g/dl	6.3-8.2
Albumin	3.8	g/dl	3.5-5.0
Albumin/Globulin Ratio (Calculated)	1.1	Ratio	1.0-2.1
GOT (Gamma-Glutamyl Transpeptidase)	21.0	U/L	12.0-43.0

*** End Of Report ***

Dr. Anika Gupta
 M.B.B.S., MD
 (Consultant Microbiology)

Dr. Anil Arora
 M.B.B.S., MD
 (Consultant Pathology)

Dr. Manju Sharma
 M.B.B.S., MD
 (Consultant Pathology)

Dr. Anika Gupta
 M.B.B.S., MD
 (Consultant Microbiology)

Prepared By : Mrs. Anita

Printed By : Mr. KAMAL VERMA

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A unit of Neohospital Centre Pvt. Ltd.

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 Test conducted under NABL scope MC-3302 Neo Hospital Laboratory, Noida