

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:35 AM

Barcode : 322308260033 Specimen : Whole Blood Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Erythrocyte Lysis And Cyanide Free Determination-spectrophotometry)	11.0 L	gm/dL	12.0-16.0
Red Blood Cell Count (Electrical Impedance)	3.58 L	million/ μ L	4.0-5.2
PCV (Packed Cell Volume) / Hematocrit (Calculated)	32.4 L	%	33.0-51.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	90.5	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.9	pg	26.0-34.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	34.1	g/L	32.0-36.0
Red Cell Distribution Width (RDW) (Derived From RBC Histogram)	13.1	%	11.1-13.1
Platelet Count (Electrical Impedance)	310	Thousand / μ L	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	5.5	Thousand / μ L	4.5-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils	48.2	%	35.0-66.0
Lymphocytes	42.2	%	24.0-44.0
Monocytes	7.6 H	%	3.0-6.0
Eosinophils	1.6	%	0.0-3.0



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Basophils	0.4	%	0.0-1.0
Absolute Neutrophil Count	2.66	10 ³ cells/cumm	1.8-8.0
Absolute Lymphocyte Count	2.33	10 ³ cells/cumm	1.0-4.8
Absolute Monocyte Count	0.42	10 ³ cells/cumm	0.2-0.8
Absolute Eosinophil Count	0.09	10 ³ cells/cumm	0.03-0.35
Absolute Basophil Count	0.03	10 ³ cells/cumm	0.0-0.3

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



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

HAEMATOLOGY

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

--End of Report--



Dr. Himanshu Patel
M.D(Path) Jr.Consultant
Pathology



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Note

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



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Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)
Collected On : 26/08/2023 01:31 PM Received On : 26/08/2023 01:31 PM Reported On : 28/08/2023 10:44 AM
Barcode : 332308260001 Specimen : Smear Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)
Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

CYTOLOGY

PAP SMEAR

LAB No.	MRN 245242
SMEAR ADEQUACY	Adequately Cellular Smears
GENERAL CATEGORIZATION	Mainly Superficial Squamous epithelial cells. Mild Inflammatory Infiltrate seen. Negative for Intraepithelial lesion or malignancy.
IMPRESSION	Normal Pap Smears

--End of Report--



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SMEAR ADEQUACY	Adequately Cellular Smears
GENERAL CATEGORIZATION	Mainly Superficial Squamous epithelial cells. Mild Inflammatory Infiltrate seen. Negative for Intraepithelial lesion or malignancy.
IMPRESSION	Normal Pap Smears

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Barcode : 312308260039 Specimen : Plasma Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Colorimetric - Glucose Oxidase Peroxidase)	85	mg/dL	74.0-106.0

--End of Report--



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Barcode : 312308260040 Specimen : Serum Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.52-1.04
eGFR (Two Point Rate - Creatinine Aminohydrolase)	80.4	mL/min/1.73m ²	>60.0
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	8	mg/dL	7.0-17.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.72	mg/dL	2.5-6.2
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	224.1 H	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	164.8 H	mg/dL	Both: Normal: < 150 Both: Borderline High: 150-199 Both: High: 200-499 Both: Very High: >= 500
HDL Cholesterol (HDLC) (Colorimetric:non Hdl Precipitation Method)	38.5 L	mg/dL	Both: Low: < 40.0 Both: High: >= 60.0 Both: Normal: 40-60
Non-HDL Cholesterol	185.6	-	-
LDL Cholesterol (Enzymatic (Two Step CHE/CHO /POD))	153 H	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
VLDL Cholesterol	33 H	mg/dL	2.0-30.0
Cholesterol /HDL Ratio	5.9 H	-	<5.0

THYROID PROFILE (T3, T4, TSH)



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)			
Tri Iodo Thyronine (T3) (Competitive Immunoassay)	1.13	ng/mL	0.97-1.69
Thyroxine (T4) (Competitive Immunoassay)	7.47	ug/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhance Chemiluminescence-Immunometric)	1.861	mIU/L	Adults : 0.4001 - 4.049 Infant (1 - 23 months) : 0.5885 - 6.880 Children (2 -12 Yrs) : 0.7291 - 4.402 Adolescents (13-21 Yrs) : 0.4557 - 4.160 Pregnant women (1st trimester) : 0.1298 - 3.120 (2nd trimester) : 0.2749 - 2.652 (3rd trimester) : 0.3127 - 2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate-L-glutamyl-p-nitroanilide)	28.5	U/L	Adult: 12-58 Female:12-43 Male:15-73

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Barcode : 312308260040 Specimen : Serum Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.52-1.04
eGFR (Two Point Rate - Creatinine Aminohydrolase)	80.4	mL/min/1.73m ²	>60.0
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	8	mg/dL	7.0-17.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.72	mg/dL	2.5-6.2
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	224.1 H	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	164.8 H	mg/dL	Both: Normal: < 150 Both: Borderline High: 150-199 Both: High: 200-499 Both: Very High: >= 500
HDL Cholesterol (HDLC) (Colorimetric:non Hdl Precipitation Method)	38.5 L	mg/dL	Both: Low: < 40.0 Both: High: >= 60.0 Both: Normal: 40-60
Non-HDL Cholesterol	185.6	-	-
LDL Cholesterol (Enzymatic (Two Step CHE/CHO /POD))	153 H	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
VLDL Cholesterol	33 H	mg/dL	2.0-30.0
Cholesterol /HDL Ratio	5.9 H	-	<5.0

THYROID PROFILE (T3, T4, TSH)



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)			
Tri Iodo Thyronine (T3) (Competitive Immunoassay)	1.13	ng/mL	0.97-1.69
Thyroxine (T4) (Competitive Immunoassay)	7.47	ug/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhance Chemiluminescence-Immunometric)	1.861	mIU/L	Adults : 0.4001 - 4.049 Infant (1 - 23 months) : 0.5885 - 6.880 Children (2 -12 Yrs) : 0.7291 - 4.402 Adolescents (13-21 Yrs) : 0.4557 - 4.160 Pregnant women (1st trimester) : 0.1298 - 3.120 (2nd trimester) : 0.2749 - 2.652 (3rd trimester) : 0.3127 - 2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
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Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
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Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.52-1.04
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Non-HDL Cholesterol	185.6	-	-
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LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
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Test	Result	Unit	Biological Reference Interval
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LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
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Cholesterol Total (Colorimetric - Cholesterol Oxidase)	224.1 H	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	164.8 H	mg/dL	Both: Normal: < 150 Both: Borderline High: 150-199 Both: High: 200-499 Both: Very High: >= 500
HDL Cholesterol (HDLC) (Colorimetric:non Hdl Precipitation Method)	38.5 L	mg/dL	Both: Low: < 40.0 Both: High: >= 60.0 Both: Normal: 40-60
Non-HDL Cholesterol	185.6	-	-
LDL Cholesterol (Enzymatic (Two Step CHE/CHO /POD))	153 H	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
VLDL Cholesterol	33 H	mg/dL	2.0-30.0
Cholesterol /HDL Ratio	5.9 H	-	<5.0

THYROID PROFILE (T3, T4, TSH)



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)			
Tri Iodo Thyronine (T3) (Competitive Immunoassay)	1.13	ng/mL	0.97-1.69
Thyroxine (T4) (Competitive Immunoassay)	7.47	ug/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhance Chemiluminescence-Immunometric)	1.861	mIU/L	Adults : 0.4001 - 4.049 Infant (1 - 23 months) : 0.5885 - 6.880 Children (2 -12 Yrs) : 0.7291 - 4.402 Adolescents (13-21 Yrs) : 0.4557 - 4.160 Pregnant women (1st trimester) : 0.1298 - 3.120 (2nd trimester) : 0.2749 - 2.652 (3rd trimester) : 0.3127 - 2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate-L-glutamyl-p-nitroanilide)	28.5	U/L	Adult: 12-58 Female:12-43 Male:15-73

--End of Report--



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:35 AM

Barcode : 342308260008 Specimen : Urine Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	20	ml	-
Colour	Pale Yellow	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction)	7.0	-	5.0-9.0
Sp. Gravity	1.010	-	1.005-1.030
Protein	Negative	-	Negative
Urine Glucose	Negative	-	Negative
Ketone Bodies	Negative	-	Negative
Bile Salts	Negative	-	Negative
Bile Pigment (Bilirubin)	Negative	-	Negative
Urobilinogen	Normal	-	-

MICROSCOPIC EXAMINATION

Pus Cells	14-16	/hpf	0-2
RBC	10-12	/hpf	0-3
Epithelial Cells	8-10	/hpf	0-5



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Crystals	Not Seen	-	-
Casts	Not Seen	-	-
Bacteria	Not Seen	-	-

--End of Report--



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:35 AM

Barcode : 342308260008 Specimen : Urine Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Fasting)	NIL	-

--End of Report--



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:35 AM

Barcode : 322308260033 Specimen : Whole Blood Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Erythrocyte Lysis And Cyanide Free Determination-spectrophotometry)	11.0 L	gm/dL	12.0-16.0
Red Blood Cell Count (Electrical Impedance)	3.58 L	million/ μ L	4.0-5.2
PCV (Packed Cell Volume) / Hematocrit (Calculated)	32.4 L	%	33.0-51.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	90.5	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.9	pg	26.0-34.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	34.1	g/L	32.0-36.0
Red Cell Distribution Width (RDW) (Derived From RBC Histogram)	13.1	%	11.1-13.1
Platelet Count (Electrical Impedance)	310	Thousand / μ L	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	5.5	Thousand / μ L	4.5-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils	48.2	%	35.0-66.0
Lymphocytes	42.2	%	24.0-44.0
Monocytes	7.6 H	%	3.0-6.0
Eosinophils	1.6	%	0.0-3.0



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)			
Basophils	0.4	%	0.0-1.0
Absolute Neutrophil Count	2.66	10 ³ cells/cumm	1.8-8.0
Absolute Lymphocyte Count	2.33	10 ³ cells/cumm	1.0-4.8
Absolute Monocyte Count	0.42	10 ³ cells/cumm	0.2-0.8
Absolute Eosinophil Count	0.09	10 ³ cells/cumm	0.03-0.35
Absolute Basophil Count	0.03	10 ³ cells/cumm	0.0-0.3

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



Dr. Patel Avinash
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Consultant - Pathologist

HAEMATOLOGY

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

--End of Report--



Dr. Himanshu Patel
M.D(Path) Jr.Consultant
Pathology



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

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- Abnormal results are highlighted.
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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:36 AM

Barcode : 312308260040 Specimen : Serum Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.52-1.04
eGFR (Two Point Rate - Creatinine Aminohydrolase)	80.4	mL/min/1.73m ²	>60.0
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	8	mg/dL	7.0-17.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.72	mg/dL	2.5-6.2
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	224.1 H	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	164.8 H	mg/dL	Both: Normal: < 150 Both: Borderline High: 150-199 Both: High: 200-499 Both: Very High: >= 500
HDL Cholesterol (HDLC) (Colorimetric:non Hdl Precipitation Method)	38.5 L	mg/dL	Both: Low: < 40.0 Both: High: >= 60.0 Both: Normal: 40-60
Non-HDL Cholesterol	185.6	-	-
LDL Cholesterol (Enzymatic (Two Step CHE/CHO /POD))	153 H	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
VLDL Cholesterol	33 H	mg/dL	2.0-30.0
Cholesterol /HDL Ratio	5.9 H	-	<5.0

THYROID PROFILE (T3, T4, TSH)



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)			
Tri Iodo Thyronine (T3) (Competitive Immunoassay)	1.13	ng/mL	0.97-1.69
Thyroxine (T4) (Competitive Immunoassay)	7.47	ug/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhance Chemiluminescence-Immunometric)	1.861	mIU/L	Adults : 0.4001 - 4.049 Infant (1 - 23 months) : 0.5885 - 6.880 Children (2 -12 Yrs) : 0.7291 - 4.402 Adolescents (13-21 Yrs) : 0.4557 - 4.160 Pregnant women (1st trimester) : 0.1298 - 3.120 (2nd trimester) : 0.2749 - 2.652 (3rd trimester) : 0.3127 - 2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate-L-glutamyl-p-nitroanilide)	28.5	U/L	Adult: 12-58 Female:12-43 Male:15-73

--End of Report--

Page 2 of 3



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:35 AM

Barcode : 342308260008 Specimen : Urine Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	20	ml	-
Colour	Pale Yellow	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction)	7.0	-	5.0-9.0
Sp. Gravity	1.010	-	1.005-1.030
Protein	Negative	-	Negative
Urine Glucose	Negative	-	Negative
Ketone Bodies	Negative	-	Negative
Bile Salts	Negative	-	Negative
Bile Pigment (Bilirubin)	Negative	-	Negative
Urobilinogen	Normal	-	-

MICROSCOPIC EXAMINATION

Pus Cells	14-16	/hpf	0-2
RBC	10-12	/hpf	0-3
Epithelial Cells	8-10	/hpf	0-5



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Crystals	Not Seen	-	-
Casts	Not Seen	-	-
Bacteria	Not Seen	-	-

--End of Report--



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

Note

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- Results relate to the sample only.
- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:35 AM

Barcode : 342308260008 Specimen : Urine Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Fasting)	NIL	-

--End of Report--



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

Note

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- Results relate to the sample only.
- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:35 AM

Barcode : 322308260032 Specimen : Whole Blood - ESR Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	25 H	mm/hr	0.0-20.0

--End of Report--



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 09:59 AM

Barcode : 312308260041 Specimen : Whole Blood Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (Enzymatic Method)	6.06 H	%	Non Diabetic : < 5.7 Pre Diabetic: 5.7-6.4 Diabetic: => 6.5
Estimated Average Glucose (Enzymatic Method)	127.23	-	-

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--



Dr. Patel Avinash
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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:36 AM

Barcode : 312308260040 Specimen : Serum Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.52-1.04
eGFR (Two Point Rate - Creatinine Aminohydrolase)	80.4	mL/min/1.73m ²	>60.0
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	8	mg/dL	7.0-17.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.72	mg/dL	2.5-6.2
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	224.1 H	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	164.8 H	mg/dL	Both: Normal: < 150 Both: Borderline High: 150-199 Both: High: 200-499 Both: Very High: >= 500
HDL Cholesterol (HDLC) (Colorimetric:non Hdl Precipitation Method)	38.5 L	mg/dL	Both: Low: < 40.0 Both: High: >= 60.0 Both: Normal: 40-60
Non-HDL Cholesterol	185.6	-	-
LDL Cholesterol (Enzymatic (Two Step CHE/CHO /POD))	153 H	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
VLDL Cholesterol	33 H	mg/dL	2.0-30.0
Cholesterol /HDL Ratio	5.9 H	-	<5.0

THYROID PROFILE (T3, T4, TSH)



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)			
Tri Iodo Thyronine (T3) (Competitive Immunoassay)	1.13	ng/mL	0.97-1.69
Thyroxine (T4) (Competitive Immunoassay)	7.47	ug/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhance Chemiluminescence-Immunometric)	1.861	mIU/L	Adults : 0.4001 - 4.049 Infant (1 - 23 months) : 0.5885 - 6.880 Children (2 -12 Yrs) : 0.7291 - 4.402 Adolescents (13-21 Yrs) : 0.4557 - 4.160 Pregnant women (1st trimester) : 0.1298 - 3.120 (2nd trimester) : 0.2749 - 2.652 (3rd trimester) : 0.3127 - 2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate-L-glutamyl-p-nitroanilide)	28.5	U/L	Adult: 12-58 Female:12-43 Male:15-73

--End of Report--



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 11:45 AM Received On : 26/08/2023 11:45 AM Reported On : 26/08/2023 12:52 PM

Barcode : 342308260032 Specimen : Urine Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Post Prandial)	NIL	-

--End of Report--



Dr. Himanshu Patel
M.D(Path) Jr.Consultant
Pathology

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)

Collected On : 26/08/2023 08:52 AM Received On : 26/08/2023 08:53 AM Reported On : 26/08/2023 10:36 AM

Barcode : 312308260040 Specimen : Serum Consultant : Dr. Manish Maheshwari(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7600659255

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.52-1.04
eGFR (Two Point Rate - Creatinine Aminohydrolase)	80.4	mL/min/1.73m ²	>60.0
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric - Urease)	8	mg/dL	7.0-17.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.72	mg/dL	2.5-6.2
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	224.1 H	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	164.8 H	mg/dL	Both: Normal: < 150 Both: Borderline High: 150-199 Both: High: 200-499 Both: Very High: >= 500
HDL Cholesterol (HDLC) (Colorimetric:non Hdl Precipitation Method)	38.5 L	mg/dL	Both: Low: < 40.0 Both: High: >= 60.0 Both: Normal: 40-60
Non-HDL Cholesterol	185.6	-	-
LDL Cholesterol (Enzymatic (Two Step CHE/CHO /POD))	153 H	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
VLDL Cholesterol	33 H	mg/dL	2.0-30.0
Cholesterol /HDL Ratio	5.9 H	-	<5.0

THYROID PROFILE (T3, T4, TSH)



Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)			
Tri Iodo Thyronine (T3) (Competitive Immunoassay)	1.13	ng/mL	0.97-1.69
Thyroxine (T4) (Competitive Immunoassay)	7.47	ug/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhance Chemiluminescence-Immunometric)	1.861	mIU/L	Adults : 0.4001 - 4.049 Infant (1 - 23 months) : 0.5885 - 6.880 Children (2 -12 Yrs) : 0.7291 - 4.402 Adolescents (13-21 Yrs) : 0.4557 - 4.160 Pregnant women (1st trimester) : 0.1298 - 3.120 (2nd trimester) : 0.2749 - 2.652 (3rd trimester) : 0.3127 - 2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric- Dual Wavelength- Reflectance Spectrophotometry)	0.5	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.0	mg/dL	Adult: 0.0-0.3 Neonate: 0.0-0.6
Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry)	0.3	mg/dL	Adult: 0.0-1.1 Neonate: 0.6-10.5
Total Protein (Colorimetric - Biuret Method)	7.0	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.1	gm/dL	3.5-5.0
Serum Globulin	2.9	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio	1.41	-	1.1-2.5
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	29	U/L	Female: 14-36
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	21	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	56.6	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate-L-glutamyl-p-nitroanilide)	28.5	U/L	Adult: 12-58 Female:12-43 Male:15-73

--End of Report--

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Patient Name : Ms Poonam Mulchandani MRN : 12510000245242 Gender/Age : FEMALE , 59y (01/01/1964)



Dr. Patel Avinash
M.D(Path)
Consultant - Pathologist

Note

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

