



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 8:26AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 12:41PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
-----------	--------	------	-----------------	--------	--------

Biochemistry					
ArcoFemi Healthcare Ltd Above 40 Male					
Serum					
Gamma GT	H 99.00	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.80	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	4.4	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	99.4	mg/dL	< 100.0	Hexokinase	Serum

**As per ADA Guideline**

**For Fasting Plasma Glucose**

Normal : Less than 100 mg/dL

Prediabetes : 100 mg/dL to 125 mg/dL

Diabetes : 126 mg/dL or Higher

**For 2 hrs Plasma Glucose after 75 Gms Glucose load**

Normal : Less than 140 mg/dL

Prediabetes : 140 to 199 mg/dL

Diabetes : 200 mg/dL or higher

**For Random Plasma Glucose**

Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

**LIVER FUNCTION TEST (LFT) SERUM**

Serum



Dr. Viyati Chetanbhai Vithlani  
MBBS+MD Pathology  
Pathologist



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 8:26AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 12:41PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

SGPT(ALT)	22.80	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)	31.50	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase	<b>H 168.7</b>	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	0.54	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	<b>H 0.24</b>	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect	0.30	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	7.75	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.69	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	3.06	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.53	Ratio	0.90 - 2.80	Ratio
				EDTA Blood
HbA1c (Glyco Hb)	<4.20	%	4.8 % - 5.9 % Normal 5.9 % - 7.0 % Good diabetic Control 7.0 % - 10.00 % Fair Diabetic Control >10.0 % Poor diabetic Control	Immunoturbidimetric
Mean Plasma Glucose	-	mg/dL	80.0 - 140.0	
				Serum
Prostate Specific Antigen	1.270	ng/mL	0.000 - 4.000	ECLIA
				Serum
Blood Urea	21.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH



Dr. Viyati Chetanbhai Vithlani  
MBBS+MD Pathology  
Pathologist



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 8:26AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 12:41PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

BUN*	9.9	mg/dL	6.0 - 20.0	Ureas with UV	Serum
TOTAL T3*	1.330	ng/mL	0.850 - 2.020	ECLIA.	
TOTAL T4*	<b>L 4.500</b>	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	<b>H 11.010</b>	uIU/mL	0.270 - 4.200	ECLIA.	

(\*) Not in NABL Scope

\*\*End Of Report\*\*



Dr. Viyati Chetanbhai Vithlani  
MBBS+MD Pathology  
Pathologist



JCI (USA)

OUR ACCREDITATIONS

**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 11:36AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 12:41PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
-----------	--------	------	-----------------	--------	--------

**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Male

Serum

Post prandial Glucose	102.2	mg/dL	< 140.0	Hexokinase	
Post prandial Urine Glucose	S.N.G.				

**As per ADA Guideline**

**For Fasting Plasma Glucose**

Normal : Less than 100 mg/dL

Prediabetes : 100 mg/dL to 125 mg/dL

Diabetes : 126 mg/dL or Higher

**For 2 hrs Plasma Glucose after 75 Gms Glucose load**

Normal : Less than 140 mg/dL

Prediabetes : 140 to 199 mg/dL

Diabetes : 200 mg/dL or higher

**For Random Plasma Glucose**

Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL

\*\*End Of Report\*\*

Dr. Kazumi Gondalia

M.D (Path)

Reg.No.: G-21729



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 8:26AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 12:41PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
-----------	--------	------	-----------------	--------	--------

**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Male

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	132.20	mg/dL	Less than 160 mg/dL Excellent Less than 200 mg/dL Desirable 200-239 mg/dL Borderline High 240 mg/dl & over high	Enzymatic (CHE/CHO/POD)	
Triglycerides	44.50	mg/dL	Less than 150 mg/dL Normal 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	GPO-PAP	
HDL Cholesterol	56.40	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	71.00	mg/dL	Less than 80 mg/dL Excellent Less than 100 mg/dL Optimal 100-129 mg/dL Near or above optimal 130-159 mg/dL Borderline High 160-189 mg/dL High 190 mg/dL & above Very High	Homogenous Enzymatic	
VLDL Cholesterol	8.9	mg/dL	< 30	Calculated	
LDL/HDL RATIO	1.26		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	2.34		< 4.50		



Dr. Viyati Chetanbhai Vitlani  
MBBS+MD Pathology



MC - 3049



JCI (USA)



OUR ACCREDITATIONS

### DEPARTMENT OF LABORATORY SERVICES

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 8:26AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 12:41PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	

\*\*End Of Report\*\*



Dr. Viyati Chetanbhai Vithlani  
MBBS+MD Pathology  
Pathologist



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 9:50AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 11:17AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
-----------	--------	------	-----------------	--------	--------

**Clinical Pathology**

ArcoFemi Healthcare Ltd Above 40 Male

**URINE ROUTINE EXAMINATION**

Urine

**Physical Examination:**

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	Nil				
U.Acetone	Nil				
BS/BP	Absent				

**Microscopic Examination**

Pus Cell	Occasional		/H.P.F.	Microscopy	
Red Blood Cell	Nil		/H.P.F.		
Epithelial cell	1-2		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				
Other:	Absent				

\*\*End Of Report\*\*

Dr. Kazumi Gondalia  
M.D (Path)  
Reg.No.: G-21729



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 8:26AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 9:19AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
-----------	--------	------	-----------------	--------	--------

**Haematology**

ArcoFemi Healthcare Ltd Above 40 Male

**CBC WITH ESR**

EDTA Blood

Haemoglobin	<b>CL 6.1</b>	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	<b>L 24.8</b>	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	<b>L 4.43</b>	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	<b>L 56.0</b>	fl	83.0 - 101.0	Calculated	
MCH	<b>L 13.8</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 24.6</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	<b>H 23.7</b>	%	11.5 - 14.0	Calculated	
Platelet count	400000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	----	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5860.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	66	%	40.0 - 70.0		
Lymphocytes	24	%	22 - 45		
Eosinophils	03	%	1.0 - 4.0		
Monocytes	<b>H 07</b>	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	3867.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1406.4	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	175.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	410.2	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Anisopoikilocytosis(+),Microcytosis(+++),Hypochromia(+++),Elliptocytosis(+),Occasional Fragmented RBCs seen. Platelets are adequate in number.Malarial Parasites are not seen.No Premature cells are seen.				

Advise



Dr. Viyati Chetanbhai Vithlani  
MBBS+MD Pathology







**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. SHAMAL .	<b>Lab No/ManualNo</b>	5380987/
<b>UHIDNo/IPNO</b>	300445415	<b>CollectionDate</b>	11/03/2024 8:18AM
<b>Age/Gender</b>	56 Years/Male	<b>Receiving Date</b>	11/03/2024 8:26AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	11/03/2024 9:19AM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
		<b>Sample Quality</b>	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
-----------	--------	------	-----------------	--------	--------

**Immuno-Haematology**

ArcoFemi Healthcare Ltd Above 40 Male

**BLOOD GROUPING**

EDTA Blood

ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*



Dr. Viyati Chetanbhai Vithlani  
MBBS+MD Pathology  
Pathologist