



DEPARTMENT OF LABORATORY SERVICES

Patient	Mr. BHARATSINH R MAHIDA	Lab No/ManualNo	5378842/
UHIDNo/IPNO	300445153	CollectionDate	08/03/2024 9:45AM
Age/Gender	33 Years/Male	Receiving Date	08/03/2024 10:03AM
Bed No/Ward	OPD	Report Date	08/03/2024 3:47PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Biochemistry ArcoFemi Healthcare Ltd Below 40 Male					
					Serum
Gamma GT	23.00	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.74	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
Age	33				
Weight	78				
Gender	1				
eGFR	H 156.64	mL/minute/1.73 m2	39 - 137		Serum
Uric Acid	6.3	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	95.8	mg/dL	< 100.0	Hexokinase	

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



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Table with patient details: Patient (Mr. BHARATSINH R MAHIDA), UHIDNo/IPNO (300445153), Age/Gender (33 Years/Male), Bed No/Ward (OPD), Referred By (Dr. Casualty Medical Officer), Lab No/ManualNo (5378842/), CollectionDate (08/03/2024 9:45AM), Receiving Date (08/03/2024 10:03AM), Report Date (08/03/2024 3:47PM), Report Status (Final), Sample Quality.

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

Serum

Table with 6 columns: Test Name, Value, Unit, Reference Range, Method. Row 1: Post prandial Glucose, 125.9, mg/dL, < 140.0, Hexokinase. Row 2: Post prandial Urine Glucose, SNG.

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LIVER FUNCTION TEST (LFT) SERUM

Serum

Table with 6 columns: Test Name, Value, Unit, Reference Range, Method. Row 1: SGPT(ALT), H 64.30, U/L, 0.00 - 41.00, IFCC without pyridoxal phosphate. Row 2: SGOT(AST), H 49.90, U/L, 0.00 - 40.00, IFCC without pyridoxal phosphate.

Handwritten signature of Dr. Kazumi Gondalia

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Alkaline Phosphatase	88.0	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total	0.49	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct	0.19	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	7.13	g/dL	6.40 - 8.20	Biuret Method
Albumin	4.73	g/dL	3.97 - 4.95	BCG Endpoint
Globulin	2.40	g/dL	2.20 - 3.50	Calculated
A/G Ratio	1.97	Ratio	0.90 - 2.80	Ratio

EDTA Blood

HbA1c (Glyco Hb)	5.40	%	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
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Mean Plasma Glucose	114.8	mg/dL	80.0 - 140.0
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Serum

Blood Urea	30.5	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	14.3	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.120	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	6.940	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	2.600	uIU/mL	0.270 - 4.200	ECLIA.

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(*) Not in NABL Scope

End Of Report



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Biochemistry

ArcoFemi Healthcare Ltd Below 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	190.00	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	112.70	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	32.20	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	149.50	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	22.54	mg/dL	< 30	Calculated	
LDL/HDL RATIO	H 4.64		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 5.90		< 4.50		

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Bed No/Ward	OPD	Report Date	08/03/2024 11:11AM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Clinical Pathology
ArcoFemi Healthcare Ltd Below 40 Male

URINE ROUTINE EXAMINATION

Urine

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	5.0		4.5 - 8.0	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	Absent				
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				

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Haematology

ArcoFemi Healthcare Ltd Below 40 Male

CBC WITH ESR

EDTA Blood

Haemoglobin	16.1	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	45.4	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	L 4.33	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	H 104.8	fl	83.0 - 101.0	Calculated	
MCH	H 37.2	pg	27.0 - 31.0	Calculated	
MCHC	35.5	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.7	%	11.5 - 14.0	Calculated	
Platelet count	265000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9.7	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	5940.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	56	%	40.0 - 70.0		
Lymphocytes	37	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	3326.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2197.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	118.8	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	297	/cumm	0 - 800		
Peripheral Smear Study	RBCs are Macrocytic(+).Platelets are adequate in number.Malarial Parasites are not seen.No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	07	mm/hr	0 - 10	Photometric capillary stopped flow kinetic	

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Immuno-Haematology
ArcoFemi Healthcare Ltd Below 40 Male

BLOOD GROUPING

EDTA Blood

ABO Group	"B"	Tube Agglutination Method
Rh Type	Positive	

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