



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mr. JITENDRA NARAYAN SINGH	<b>Lab No/ManualNo</b>	5297171/
<b>UHIDNo/IPNO</b>	300433745	<b>CollectionDate</b>	08/12/2023 8:59AM
<b>Age/Gender</b>	40 Years/Male	<b>Receiving Date</b>	08/12/2023 9:36AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/12/2023 11:16AM
<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
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Male

EDTA Blood

**CBC WITH ESR**

Haemoglobin	16.9	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	51.4	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.79	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	88.8	fl	83.0 - 101.0	Calculated	
MCH	29.2	pg	27.0 - 31.0	Calculated	
MCHC	32.9	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.6	%	11.5 - 14.0	Calculated	
Platelet count	242000	/cumm	150000 - 410000	H.focusing impedance	
Mean Platelet Volume(MPV)*	<b>H 12.3</b>	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7500.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	65	%	40.0 - 70.0		
Lymphocytes	28	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	4875	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2100	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	150.0	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	375	/cumm	0 - 800		
Peripheral Smear Study	RBCs are Normochromic & Normocytic. Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	30	mm/hr	0 - 30	Photometric capillary stopped flow kinetic	

\*\*End Of Report\*\*



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



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		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
<b>Immuno-Haematology</b>					
ArcoFemi Healthcare Ltd Below 40 Male					
<b>BLOOD GROUPING</b>					EDTA Blood
ABO Group	"AB"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*



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<b>Age/Gender</b>	40 Years/Male	<b>Receiving Date</b>	08/12/2023 12:08PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/12/2023 1:21PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT	27.90	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.78	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	4.7	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	95.8	mg/dL	< 100.0	Hexokinase	Serum
<p><b>As per ADA Guideline</b>  <b>For Fasting Plasma Glucose</b>                      Normal : Less than 100 mg/dL                      Prediabetes : 100 mg/dL to 125 mg/dL                      Diabetes : 126 mg/dL or Higher  <b>For 2 hrs Plasma Glucose after 75 Gms Glucose load</b>                      Normal : Less than 140 mg/dL                      Prediabetes : 140 to 199 mg/dL                      Diabetes : 200 mg/dL or higher  <b>For Random Plasma Glucose</b>                      Diabetes is diagnosed at blood glucose greater than or equal to 200 mg/dL</p>					
Post prandial Glucose	<b>H 158.3</b>	mg/dL	< 140.0	Hexokinase	Serum

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**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**

Test Name	Result	Unit	Reference Range	Method	Specimen
SGPT(ALT)	H 65.90	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	H 50.30	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	Serum
Alkaline Phosphatase	122.6	U/L	40.0 - 129.0	PNP-Standardize	Serum
Bilirubin Total	H 1.20	mg/dL	0.00 - 1.10	Diazo Method	Serum
Bilirubin Direct	H 0.30	mg/dL	0.00 - 0.20	Diazo Method	Serum
Bilirubin Indirect	0.90	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	Serum
Protein Total	H 8.49	g/dL	6.40 - 8.20	Biuret Method	Serum
Albumin	4.90	g/dL	3.97 - 4.95	BCG Endpoint	Serum
Globulin	H 3.59	g/dL	2.20 - 3.50	Calculated	Serum
A/G Ratio	1.36	Ratio	0.90 - 2.80	Ratio	Serum

Test Name	Result	Unit	Reference Range	Method	Specimen
HbA1c (Glyco Hb)	6.08	%	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	EDTA Blood



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Mean Plasma Glucose	139.0	mg/dL	80.0 - 140.0		
Blood Urea	25.5	mg/dL	16.6 - 48.5	Urease, Kinetic, GLDH	Serum
BUN*	11.9	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.700	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	10.410	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	2.080	uIU/mL	0.270 - 4.200	ECLIA.	

(\*) 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	204.00	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	302.10	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	33.40	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	132.60	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	<b>H 60.42</b>	mg/dL	< 30	Calculated	
LDL/HDL RATIO	<b>H 3.97</b>		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	<b>H 6.11</b>		< 4.50		

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<b>Age/Gender</b>	40 Years/Male	<b>Receiving Date</b>	08/12/2023 9:33AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	08/12/2023 11:05AM
<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
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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	7.0		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**

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

\*\*End Of Report\*\*



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