



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient Name</b>	Ms. KIRAN RANA	<b>Lab No/ManualNo</b>	5096155/
<b>UHIDNo/IPNO</b>	300403879	<b>CollectionDate</b>	28/03/2023 12:35PM
<b>Age/Gender</b>	34 Years/Female	<b>Receiving Date</b>	28/03/2023 12:36PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	28/03/2023 5:18PM
<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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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

Gamma GT*	29.00	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.63	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Uric Acid	5.1	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	92.2	mg/dL	70 - 100	Hexokinase	Serum
<b>LIVER FUNCTION TEST (LFT) SERUM</b>					Serum
SGPT(ALT)	12.60	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	
SGOT(AST)	17.10	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	84.3	U/L	35 - 140	PNP-Standardize	
Bilirubin Total	0.38	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.17	mg/dL	0.00 - 0.20	Diazo Method	
Bilirubin Indirect	0.21	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.71	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.71	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.00	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.57	Ratio	0.90 - 2.80	Ratio	

EDTA Blood

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



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HbA1c (Glyco Hb)	4.99	%	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	100.4	mg/dL	80 - 140	
Blood Urea	<b>L 12.9</b>	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	6.03	mg/dL	6 - 20	Ureas with UV

Serum

(\* ) Not in NABL Scope

\*\*End Of Report\*\*

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**Biochemistry**

ArcoFemi Healthcare Ltd Below 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	189.60	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	101.70	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	Enzymatic colorimetric	
Cholesterol HDL	50.10	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	130.40	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	
Cholesterol VLDL	20.34	mg/dL	< 30		
LDL/HDL RATIO	2.6		< 4	Calculated	
Cholesterol Total / HDL Ratio	3.78		< 5	Calculated	

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<b>Age/Gender</b>	34 Years/Female	<b>Receiving Date</b>	28/03/2023 4:26PM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	28/03/2023 6:00PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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**Clinical Pathology**

ArcoFemi Healthcare Ltd Below 40 Female

**URINE ROUTINE EXAMINATION**

URINE

**Physical Examination:**

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	6.5		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.000		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual	
U.Glucose	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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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	28/03/2023 4:44PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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**Haematology**

ArcoFemi Healthcare Ltd Below 40 Female

Citrate Whole Blood, EDTA Blood

**CBC WITH ESR**

Haemoglobin	13.3	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	41.5	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	4.85	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	85.6	fl	83.0 - 101.0	Calculated	
MCH	27.4	pg	27.0 - 31.0	Calculated	
MCHC	32.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	<b>H 15.3</b>	%	11.5 - 14.0	Calculated	
Platelet count	282000	/cumm	150000 - 450000	H.focusing impedance	
Total Leucocyte Count (TLC)	5480	/cumm	4000 - 10500	Flow Cytometry	

**Differential Leucocyte Count**

Flowcytometry/Microscopic

Neutrophils	64	%	40.0 - 70.0		
Lymphocytes	30	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		

**Absolute Leucocyte Count**

Absolute Neutrophil Count*	3507.2	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1644	/cumm	1000 - 4800		
Absolute Eosinophil Count*	109.6	/cumm	40 - 450		
Absolute Monocyte Count*	219.2	/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)	<b>H 23</b>	mm/hr	0 - 12	Modified westergren Method	
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<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	28/03/2023 3:51PM
<b>Referred By</b>	Dr. Casualty Medical Officer	<b>Report Status</b>	Final
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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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**Biochemistry/Immunology**

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TOTAL T3*	L	<b>0.650</b>	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*		6.460	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE		1.810	uIU/mL	0.270 - 4.200	ECLIA.

Serum

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**Immuno-Haematology**

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EDTA Blood

**BLOOD GROUPING**

ABO Group  
Rh Type

"O"  
Positive

Tube Agglutination Method

\*\*End Of Report\*\*

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