



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. KALPESHKUMAR KANTIBHAI PARMAR	RIS No/ManualNo	5235042/
UHIDNo/IPNO	300424587	CollectionDate	18/09/2023 8:38AM
Age/Gender	36 Years/Male	Receiving Date	18/09/2023 8:51AM
Bed No/Ward	OPD	Report Date	18/09/2023 1:20PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

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

ArcoFemi Healthcare Ltd Below 40 Male

Gamma GT	26.40	U/L	10.00 - 71.00	Enzymatic method	Serum
Creatinine	0.88	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Age	36				
Weight	87.4				
Gender	1.00				
eGFR	H 143.46	mL/minute/1.73 m ²	39 - 137		
Uric Acid	5.5	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	91.4	mg/dL	70.0 - 100.0	Hexokinase	Serum
Post prandial Glucose	124.3	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	36.00	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	21.10	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	58.0	U/L	40.0 - 129.0	PNP-Standardize	
Bilirubin Total	H 1.17	mg/dL	0.00 - 1.10	Diazo Method	
Bilirubin Direct	H 0.34	mg/dL	0.00 - 0.20	Diazo Method	



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Bilirubin Indirect	0.83	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.55	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.33	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.22	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.34	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	5.77	%	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
Mean Plasma Glucose	128.1	mg/dL	80.0 - 140.0		
Blood Urea	21.6	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	10.1	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.380	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.420	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	1.530	uIU/mL	0.270 - 4.200	ECLIA.	

(*) Not in NABL Scope

End Of Report



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LIPID PROFILE (WITH DIRECT LDL)

Serum

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
Sample Type	Fasting				
Cholesterol Total	177.10	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	192.60	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	30.50	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	H 38.52	mg/dL	< 30		
LDL/HDL RATIO	H 4.28		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	H 5.81		< 4.50		



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Clinical Pathology

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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	1.020		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				

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Haematology

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CBC WITH ESR

EDTA Blood

Haemoglobin	15.6	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	48.7	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.97	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 81.6	fl	83.0 - 101.0	Calculated	
MCH	L 26.1	pg	27.0 - 31.0	Calculated	
MCHC	32.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	12.7	%	11.5 - 14.0	Calculated	
Platelet count	285000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	10	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	8910.00	/cumm	4000.00 - 10500.00	Flow Cytometry	

Differential Leucocyte Count

Flowcytometry/Microscopic

Neutrophils	57	%	40.0 - 70.0		
Lymphocytes	38	%	22 - 45		
Eosinophils	01	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		

Absolute Leucocyte Count

Absolute Neutrophil Count*	5078.7	/cumm	1800 - 7700		
Absolute Lymphocyte count*	3385.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	89.1	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	356.4	/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)	H 26	mm/hr	0 - 10	Modified westergren Method	
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Immuno-Haematology					
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BLOOD GROUPING					EDTA Blood
ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

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