MarengoCIMS Hospital

5366937

MC - 3049

JCI (USA)   NABH OUR ACCREDITATIONS

Patient	Mr. SUDHIRBHAI BALVANTBHAI PATANI	**Lab No/ManualNo**	5366937/
UHIDNo/IPNO	300443558	**CollectionDate**	24/02/2024 9:40AM
Age/Gender	30 Years/Male	**Receiving Date**	24/02/2024 9:59AM
Bed No/Ward	OPD	**Report Date**	24/02/2024 3:27PM
Referred By	Dr. Casualty Medical Officer	**Report Status**	Final
		Sample Quality	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
			Biochemistry		
			ArcoFemi Healthcare Ltd Below 40 Male		
					Serum
Gamma GT	24.40	U/L	10.00 - 71.00	Enzymatic method	
					Serum
Creatinine	0.86	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	
					Serum
Uric Acid	6.1	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	
					Serum
Fasting Glucose	91.4	mg/dL	< 100.0	Hexokinase	

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

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

L-Low H-High CH - Critical High CL - Critical Low

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Post prandial Glucose	97.2	mg/dL	< 140.0	Hexokinase
Post prandial Urine Glucose	S.N.G. = Sample Not Given			

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LIVER FUNCTION TEST (LFT) SERUM

Serum

SGPT(ALT)		27.50	U/L	0.00 - 41.00	IFCC without pyridoxal phosphate
SGOT(AST)		26.00	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate
Alkaline Phosphatase		93.5	U/L	40.0 - 129.0	PNP-Standardize
Bilirubin Total		0.68	mg/dL	0.00 - 1.10	Diazo Method
Bilirubin Direct		0.09	mg/dL	0.00 - 0.20	Diazo Method
Bilirubin Indirect		0.59	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin
Protein Total	H	8.41	g/dL	6.40 - 8.20	Biuret Method
Albumin	H	5.23	g/dL	3.97 - 4.95	BCG Endpoint
Globulin		3.18	g/dL	2.20 - 3.50	Calculated
A/G Ratio		1.64	Ratio	0.90 - 2.80	Ratio

EDTA Blood

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HbA1c (Glyco Hb)	5.79	%	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	128.8	mg/dL	80.0 - 140.0	

Serum

Blood Urea	26.1	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	12.2	mg/dL	6.0 - 20.0	Ureas with UV

Serum

TOTAL T3*	1.500	ng/mL	0.850 - 2.020	ECLIA.
TOTAL T4*	7.400	ug/dL	5.130 - 14.060	ECLIA.
THYROID STIMULATING HORMONE	3.070	uIU/mL	0.270 - 4.200	ECLIA.

(*) Not in NABL Scope   **End Of Report**

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CIMS Hospital Private Limited
Plot No 67/1, Opposite Panchmrut Bunglows Near Shakun Mall, Off Science City Road, Sola, Ahmedabad, Gujarat 380060
✆ 1800 309 9999 ✉ marengocims.pathology@marengoasia.com   CIN No. U85110GJ2001PTC039962

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Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

Biochemistry
ArcoFemi Healthcare Ltd Below 40 Male

LIPID PROFILE (WITH DIRECT LDL   Serum

Test Name	Result	Unit	Bio. Ref. Range	Method
Sample Type	Fasting			
Cholesterol Total	252.20	mg/dL	Less than 160 mg/dL Excellent Less than 200 mg/dL Desirabale 200-239 mg/dL Borderline High 240 mg/dl & over high	Enzymatic (CHE/CHO/POD)
Triglycerides	185.50	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	35.60	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic
LDL Cholesterol (Direct)	191.60	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	H 37.1	mg/dL	< 30	Calculated
LDL/HDL RATIO	H 5.38		< 3.50	Calculated
Cholesterol Total / HDL Ratio	H 7.08		< 4.50	

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		Sample Quality	

End Of Report

Dr. Kazumi Gondalia

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UHIDNo/IPNO	300443558	CollectionDate	24/02/2024 9:40AM
Age/Gender	30 Years/Male	Receiving Date	24/02/2024 10:07AM
Bed No/Ward	OPD	Report Date	24/02/2024 11:23AM
Referred By	Dr. Casualty Medical Officer	Report Status	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

Clinical Pathology
ArcoFemi Healthcare Ltd Below 40 Male

URINE ROUTINE EXAMINATION   Urine

Physical Examination:

Test Name	Result	Unit	Bio. Ref. Range	Method
Quantity	20 ml			Visual method
Colour	Pale Yellow			Visual method
Appearence:	Clear			Visual method
Reaction	5.0		4.5 - 8.0	Reflectance photometer
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction

Chemical Examination: Reflectance photometer/Manual

Test Name	Result
U.Albumin	Nil
U.Gluocse	Nil
U.Acetone	Absent
BS/BP	Absent

Microscopic Examination   Microscopy

Test Name	Result	Unit
Pus Cell	Occasional	/H.P.F.
Red Blood Cell	2-4	/H.P.F.
Epithelial cell	1-2	/H.P.F.
Cast	Absent	
Crystals	Absent	
Amorphous	Absent	
Monilia	Absent	
Other:	Absent	

End Of Report

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		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

Haematology
ArcoFemi Healthcare Ltd Below 40 Male

CBC WITH ESR   EDTA Blood

Test Name	Result	Unit	Bio. Ref. Range	Method
Haemoglobin	16.1	g/dL	13.5 - 18.0	SLS Method
Hematocrit/PCV	49.2	%	42.0 - 52.0	H.focusing Method
RBC COUNT	5.55	mill/Cmm	4.70 - 6.00	H.focusing impedance
MCV	88.6	fl	83.0 - 101.0	Calculated
MCH	29.0	pg	27.0 - 31.0	Calculated
MCHC	32.7	g/dL	32.0 - 36.0	Calculated
RDW-CV	12.4	%	11.5 - 14.0	Calculated
Platelet count	367000	/cumm	150000 - 410000	H.focusing impedance
Mean Platelet Volume(MPV)*	9.2	fl	8 - 12	Calculated
Total Leucocyte Count (TLC)	7430.00	/cumm	4000.00 - 10500.00	Flow Cytometry
Differential Leucocyte Count				Flowcytometry/Microscopic
Neutrophils	58	%	40.0 - 70.0	
Lymphocytes	36	%	22 - 45	
Eosinophils	02	%	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*	4309.4	/cumm	1800 - 7700	
Absolute Lymphocyte count*	2674.8	/cumm	1000 - 4800	
Absolute Eosinophil Count (AEC)	148.6	/cumm	0.0 - 450.0	
Absolute Monocyte Count*	297.2	/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)	07	mm/hr	0 - 10	Photometric capillary stopped flow kinetic

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		Sample Quality		

End Of Report

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DEPARTMENT OF LABORATORY SERVICES

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Bed No/Ward	OPD	**Report Date**	24/02/2024 12:16PM
Referred By	Dr. Casualty Medical Officer	**Report Status**	Final
		Sample Quality	

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample

Immuno-Haematology
ArcoFemi Healthcare Ltd Below 40 Male

BLOOD GROUPING   EDTA Blood

ABO Group	"B"		Tube Agglutination Method
Rh Type	Positive		

End Of Report

Dr. Jitendra Narendrabhai Nayak
Reg.No:G-14786
Consultant Pathologist