

Reg. No	: CIMS/A/2022/389074	VisitNo :	: HC/121122/22	[HCV]
Patient Name	: MR. JTINKUMAR BABUBHAI PATEL	Age(Y-M-D)/Sex	: 30 Y 11 M 19 D. / Male	
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:	
Ward/Room	:	Bed	:	

ORD/121122/408

LAB/121122/220 Lab No : 2022167572 LSN : 933356 (Whole Blood) Sample Quality : Normal

Collection Time : 12/11/2022 9:42:39 Arrival : 12/11/2022 10:17:40 Validation Time 12/11/2022 2:11:11PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin (SLS Hemoglobin Detection method)	14.4	g/dl	13.5 - 18.0 g/dl
Total RBC Count (Hydro Dynamic Focusing Method)	6.65	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT (Hydro Dynamic Focusing Method)	46.3	%	42 - 52 %
Total WBC Count (Flow Cytometry)	7530	/Cmm	4000 - 10500 /Cmm
Platelet Count (Hydro Dynamic Focusing Method)	323000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	62	%	40 - 70 %
Lymphocytes	30	%	22 - 45 %
Eosinophils	03	%	01 - 04 %
Monocytes	05	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study	RBCs shows Anisocytosis(+),Microcytosis(+),Erythrocytosis(+). Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.		
BLOOD INDICES (by Calculated Method)			
M.C.V	69.6	fl	78 - 100 fl
M.C.H	21.7	pg	27 - 31 pg
M.C.H.C.	31.1	gm/dl	32 - 36 gm/dl
RDW-CV	16.7	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	11	mm	0 - 10 mm
Blood Group Rh			
ABO	"O"		
Rh	POSITIVE		
*** END OF REPORT ***			

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb) (Immuno Turbidimetric)	5.72	%	4.8-5.9% Normal 5.9-7.0% Good diabetic control

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(Immuno Turbidimetric)

7.0-10.0% Fair diabetic control

>10.0% Poor diabetic control

Mean Plasma Glucose

126.3

mg/dL

80 - 140 mg/dL



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LAB/121122/221 Lab No : 2022167573 LSN : 933356 (SERUM) Sample Quality : Normal

Collection Time : 12/11/2022 9:42:39 Arrival : 12/11/2022 10:17:40 Validation Time 12/11/2022 1:01:23PM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	60.9	U/L	40 - 129 U/L
Billirubin			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	1.16	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank)	0.31	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.85	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	108.1	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	51	U/L	0 - 40 U/L
Total Protein			
Total Proteins (Biuret Method)	7.96	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	5.28	gm/dl	3.97 - 4.95 gm/dl
Globulin	2.68	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.97		0.9 - 2.1
*** END OF REPORT ***			

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.85	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	109.64	mL/min/1.73m2	59 - 137 mL/min/1.73m2
Fasting Glucose (Hexokinase)	89.2	mg/dL	70 - 100 mg/dL
Thyroid Function Test			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.15	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	7.8	µgm/dl	5.13 - 14.06 µgm/dl
TSH (Electrochemiluminescence Assay)	2.78	µIU/ml	0.27- 4.20 µIU/ml
Uric Acid (Uricase Colorimetric Enzymatic)	6.01	mg/dL	3.4 - 7.0 mg/dL

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ORD/121122/408

LAB/121122/222 Lab No : 2022167574 LSN : 933356 (Urine) Sample Quality : Normal

Collection Time : 12/11/2022 9:42:39 Arrival : 12/11/2022 10:17:40 Validation Time 12/11/2022 2:04:32PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Urine R & M			
PHYSICAL EXAMINATION			
Quantity	20 cc	.	.
Colour	Pale Yellow	.	.
Transperancy	Clear	.	.
Reaction	7.0	.	.
(QDS-10 Strip)			
Sp. Gravity	1.015	.	1.005 - 1.035 .
(QDS-10 Strip)			
CHEMICAL EXAMINATION			
U. Albumin	Nil	.	.
(QDS-10 Strip/Manual)			
U. Glucose	Nil	.	.
(QDS-10 Strip/Manual)			
U. Acetone	Absent	.	.
(QDS-10 Strip/Manual)			
BS/BP	Absent	.	.
(QDS-10 Strip/Manual)			
MICROSCOPIC EXAMINATION			
Pus Cell	Occasional	/H.P.F.	/H.P.F.
Red Blood Cell	1-2	/H.P.F.	/H.P.F.
Epithelial Cell	1-2	/H.P.F.	/H.P.F.
Cast	Not Seen		
Crystals	Not Seen		
Amorphous	Absent		
Monilia	Absent		

*** END OF REPORT ***



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Ward/Room	:	Bed	:	

ORD/121122/408

LAB/121122/223 Lab No : 2022167575 LSN : 933356 (SERUM) Sample Quality : Normal

Collection Time : 12/11/2022 9:42:39 Arrival : 12/11/2022 10:17:40 Validation Time 12/11/2022 1:01:02PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	10.4	mg/dL	6 - 20 mg/dL

*** END OF REPORT ***



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LAB/121122/460 Lab No : 2022167812 LSN : 933356 (SERUM) Sample Quality : Normal

Collection Time : 12/11/2022 14:55:20 Arrival : 12/11/2022 15:11:20 Validation Time 12/11/2022 4:17:34PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	109.2	mg/dL	70 - 140 mg/dL
P.P. Urine Glucose	Trace		

*** END OF REPORT ***



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Ward/Room	:	Bed	:	

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ORD/121122/408	Lab No : 2022167573	LSN : 933356	(SERUM)	Sample Quality : Normal
Collection :	12/11/2022 9:42:39AM	Arrival:	12/11/2022 10:18:14	Validation Time: 12/11/2022 12:48:16
<u>Lipid Profile (With Direct LDL)</u>				
Type of Sample	: Fasting			
Cholesterol <i>(Enzymatic/Colorimetric,Cholesterol Oxidas,Esterase,Peroxidase Gen.2)</i>	: 255.3	mg/dL		Less than 160 mg/dl Excellent Less than 200 mg/dl Desireble 200-239 mg/dl Borderline High 240 mg/dl & over High
Triglyceride <i>(Enzymetic Colorimetric without Glycerol Blank without Serum Blank)</i>	: 146.1	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
HDL Cholesterol <i>(Direct Mearuse Homogenous Technique Modified Enzymatic Colorimetric Gen. 3)</i>	: 48.2	mg/dL		Less than 40 mg/dl Low 60 mg/dl or above Excellent
L D L Cholesterol (DIRECT) <i>(Homogenous Enzymatic colorimetric Assay)</i>	: 180.4	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
VLDL Cholesterol <i>(Calculated)</i>	: 29.22	mg/dL		15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 5.3			Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	: 3.74			Less than 3.5
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