

Reg. No	: CIMS/A/2022/390845	VisitNo :	: HC/281122/70 [HCV]
Patient Name	: MR. RAKESH UPADHYAY	Age(Y-M-D)/Sex	: 45 Y 10 M 14 D. / Male
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/2091

LAB/281122/614 Lab No : 2022175672 LSN : 937721 (Whole Blood) Sample Quality : Normal

Collection Time : 28/11/2022 14:00:07 Arrival : 28/11/2022 14:53:08 Validation Time 28/11/2022 6:57:01PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin <i>(SLS Hemoglobin Detection method)</i>	14.9	g/dl	13.5 - 18.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	4.85	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	43.8	%	42 - 52 %
Total WBC Count <i>(Flow Cytometry)</i>	8770	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	264000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	42	%	40 - 70 %
Lymphocytes	39	%	22 - 45 %
Eosinophils	12	%	01 - 04 %
Monocytes	07	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study	RBCs are Normochromic & Normocytic. WBCs shows Mild Eosinophilia. Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.		
BLOOD INDICES (by Calculated Method)			
M.C.V	90.3	fl	78 - 100 fl
M.C.H	30.7	pg	27 - 31 pg
M.C.H.C.	34.0	gm/dl	32 - 36 gm/dl
RDW-CV	12.50	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	22	mm	0 - 10 mm
Blood Group Rh			
ABO	"B"		
Rh	POSITIVE		
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb)	5.94	%	4.8-5.9% Normal

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(Immuno Turbidimetric)

5.9-7.0% Good diabetic control

7.0-10.0% Fair diabetic control

>10.0% Poor diabetic control

Mean Plasma Glucose 134.2 mg/dL 80 - 140 mg/dL

*** END OF REPORT ***

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ORD/281122/2091

LAB/281122/615 Lab No : 2022175674 LSN : 937721 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 14:00:07 Arrival : 28/11/2022 14:53:08 Validation Time 28/11/2022 7:10:07PM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	113.7	U/L	40 - 129 U/L
Billirubin			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.48	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank)	0.2	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.28	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	21.9	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	22.8	U/L	0 - 40 U/L
Total Protein			
Total Proteins (Biuret Method)	8.3	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	5.01	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.29	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.52		0.9 - 2.1

*** END OF REPORT ***

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.95	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	76 - 120 mL/min/1.73m2
Fasting Glucose (Hexokinase)	84.2	mg/dL	70 - 100 mg/dL
PSA (ECLIA)	0.35	ng/ml	0 - 4 ng/ml
Thyroid Function Test			
TOTAL T3 (T3) * (Electochemiluminescence Assay)	1.19	ng/ml	0.846 - 2.02 ng/ml

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TOTAL T4 (T4) *	7.47	µgm/dl	5.13 - 14.06 µgm/dl
<i>(Electrochemiluminescence Assay)</i>			
TSH	3.9	µIU/ml	0.27- 4.20 µIU/ml
<i>(Electrochemiluminescence Assay)</i>			
Uric Acid	7.67	mg/dL	3.4 - 7.0 mg/dL
<i>(Uricase Colorimetric Enzymatic)</i>			
Vitamin B-12	824.7	pg/ml	211-946 pg/ml
<i>(Electrochemiluminescence Assay)</i>			
Vitamin D (25 OH) *	41.15	ng/ml	Deficiency : ≤ 20 ng/ml
<i>(Electrochemiluminescence Assay)</i>			Insufficiency : 21 - 29 ng/ml
			Normal : ≥ 30 ng/ml

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ORD/281122/2091

LAB/281122/616 Lab No : 2022175675 LSN : 937721 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 14:00:07 Arrival : 28/11/2022 14:53:08 Validation Time 28/11/2022 7:13:49PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	7.8	mg/dL	6 - 20 mg/dL

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Ward/Room	:	Bed	:

ORD/281122/2091

LAB/281122/624 Lab No : 2022175676 LSN : 937721 (Urine) Sample Quality : Normal
 Collection Time : 28/11/2022 14:57:35 Arrival : 28/11/2022 14:57:35 Validation Time 28/11/2022 4:02:09PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Urine R & M			
PHYSICAL EXAMINATION			
Quantity	20 cc	.	.
Colour	Pale Yellow	.	.
Transperancy	Clear	.	.
Reaction	6.0	.	.
(QDS-10 Strip)			
Sp. Gravity	1.010	.	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	Nil	/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		

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ORD/281122/2091

LAB/281122/856 Lab No : 2022175910 LSN : 937721 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 14:14:53 Arrival : 28/11/2022 18:14:54 Validation Time 28/11/2022 8:55:47PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	100	mg/dL	70 - 140 mg/dL

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ORD/281122/2091	Lab No : 2022175674	LSN : 937721	(SERUM)	Sample Quality : Normal
Collection : 28/11/2022 2:00:07PM	Arrival: 28/11/2022 14:55:51	Validation Time: 28/11/2022 14:39:35		
<u>Lipid Profile (With Direct LDL)</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>	
Type of Sample	: Fasting	.		
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	: 196.7	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>	: 169	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>	: 42.9	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>	: 127.7	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>	: 33.8	mg/dL	15 - 30 mg%	
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 4.59		Normal upto 4.5	
LDL/HDL Ratio <i>(Calculated)</i>	: 2.98		Less than 3.5	
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