

Reg. No	: CIMS/A/2022/390854	VisitNo	: HC/281122/78	[HCV]
Patient Name	: MR. RAMESH MEENA	Age(Y-M-D)/Sex	: 36 Y 9 M 27 D. / Male	
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:	
Ward/Room	:	Bed	:	

ORD/281122/2259

LAB/281122/666 Lab No : 2022175723 LSN : 937743 ( Whole Blood ) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:58 Arrival : 28/11/2022 15:37:58 Validation Time 28/11/2022 7:30:54PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
<b>CBC With ESR</b>			
<b>TOTAL COUNT</b>			
Hemoglobin <i>(SLS Hemoglobin Detection method)</i>	14.6	g/dl	13.5 - 18.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	7.17	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	47.9	%	42 - 52 %
Total WBC Count <i>(Flow Cytometry)</i>	9650	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	337000	/Cmm	150000 - 450000 /Cmm
<b>DIFFERENTIAL COUNT (by Flow Cytometry)</b>			
Polymorphs	59	%	40 - 70 %
Lymphocytes	32	%	22 - 45 %
Eosinophils	03	%	01 - 04 %
Monocytes	06	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study			
	RBCs are Normochromic & Normocytic. Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.		
<b>BLOOD INDICES (by Calculated Method)</b>			
M.C.V	66.8	fl	78 - 100 fl
M.C.H	20.4	pg	27 - 31 pg
M.C.H.C.	30.5	gm/dl	32 - 36 gm/dl
RDW-CV	19.3	%	11.5 - 14.0 %
<b>ESR (Red Cell Aggregation)</b>			
After One Hour	28	mm	0 - 10 mm
<b>Blood Group Rh</b>			
ABO	"B"		
Rh	POSITIVE		
<b>HbA1c (Glycosylated Haemoglobin )</b>			
<b>TEST</b>			
HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.78	%	4.8-5.9% Normal

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HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.78	%	5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	128.3	mg/dL	80 - 140 mg/dL

\*\*\* END OF REPORT \*\*\*

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ORD/281122/2259

LAB/281122/667 Lab No : 2022175724 LSN : 937743 ( SERUM ) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:58 Arrival : 28/11/2022 15:37:58 Validation Time 29/11/2022 12:53:10AM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
<b>Thyroid Function Test</b>			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.28	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	7.40	µgm/dl	5.13 - 14.06 µgm/dl
TSH (Electrochemiluminescence Assay)	2.01	µIU/ml	0.27- 4.20 µIU/ml
Vitamin B-12 (Electrochemiluminescence Assay)	<b>147.3</b>	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * (Electrochemiluminescence Assay)	17.23	ng/ml	Deficiency : ≤ 20 ng/ml Insufficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

**Liver Function Test**

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	72.5	U/L	40 - 129 U/L
<b>Billirubin</b>			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.35	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank )	0.14	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.21	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	20.7	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	23	U/L	0 - 40 U/L
<b>Total Protein</b>			
Total Proteins (Biuret Method)	7.98	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.74	gm/dl	3.97 - 4.95 gm/dl

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Globulin	3.24	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.46		0.9 - 2.1

\*\*\* END OF REPORT \*\*\*

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine <i>(Buffered Jaffe Reaction Kinetic Compensated)</i>	0.79	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	59 - 137 mL/min/1.73m2
Fasting Glucose <i>(Hexokinase)</i>	<b>57.5</b>	mg/dL	70 - 100 mg/dL
Uric Acid <i>(Uricase Colorimetric Enzymatic )</i>	<b>3.04</b>	mg/dL	3.4 - 7.0 mg/dL

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ORD/281122/2259

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LAB/281122/668    Lab No : 2022175725    LSN : 937743    ( SERUM    )    Sample Quality : Normal

Collection Time : 28/11/2022 15:00:58    Arrival : 28/11/2022 15:37:58    Validation Time 28/11/2022 8:27:59PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	6.7	mg/dL	6 - 20 mg/dL

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LAB/281122/720    Lab No : 2022175780    LSN : 937743    ( Urine )    Sample Quality : Normal  
 Collection Time : 28/11/2022 15:30:00    Arrival : 28/11/2022 16:03:31    Validation Time 28/11/2022 5:44:27PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
<b>Urine R &amp; M</b>			
<b>PHYSICAL EXAMINATION</b>			
Quantity	20 cc	.	.
Colour	Pale Yellow	.	.
Transperancy	Clear	.	.
Reaction (QDS-10 Strip)	6.0	.	.
Sp. Gravity (QDS-10 Strip)	1.010	.	1.005 - 1.035 .
<b>CHEMICAL EXAMINATION</b>			
U. Albumin (QDS-10 Strip/Manual)	Nil	.	.
U. Glucose (QDS-10 Strip/Manual)	Nil	.	.
U. Acetone (QDS-10 Strip/Manual)	Absent	.	.
BS/BP (QDS-10 Strip/Manual)	Absent	.	.
<b>MICROSCOPIC EXAMINATION</b>			
Pus Cell	Occasional	/H.P.F.	/H.P.F.
Red Blood Cell	Occasional	/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/281122/2259

ORD/281122/2259	Lab No : 2022175724	LSN : 937743	( SERUM )	Sample Quality : Normal
Collection : 28/11/2022 3:00:58PM	Arrival: 28/11/2022 15:34:13	Validation Time: 28/11/2022 13:16:45		
<b><u>Lipid Profile (With Direct LDL)</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Reference Range</u></b>	
Type of Sample	: Fasting	.		
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	: 217	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>	: 91.6	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>	: 54.5	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>	: 147.8	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>	: 18.32	mg/dL	15 - 30 mg%	
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 3.98		Normal upto 4.5	
LDL/HDL Ratio <i>(Calculated)</i>	: 2.71		Less than 3.5	
*** END OF REPORT ***				

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