

Reg. No	: CIMS/A/2022/390867	VisitNo :	: HC/281122/89 [HCV]
Patient Name	: MR. RAJESH K	Age(Y-M-D)/Sex	: 49 Y 1 M 26 D. / Male
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/2353

LAB/281122/686 Lab No : 2022175742 LSN : 937751 (Whole Blood) Sample Quality : Normal
Collection Time : 28/11/2022 15:00:48 Arrival : 28/11/2022 15:35:49 Validation Time 28/11/2022 11:29:17PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb) (Immuno Turbidimetric)	6.07	%	4.8-5.9% Normal 5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	138.8	mg/dL	80 - 140 mg/dL

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin (SLS Hemoglobin Detection method)	15.3	g/dl	13.5 - 18.0 g/dl
Total RBC Count (Hydro Dynamic Focusing Method)	4.91	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT (Hydro Dynamic Focusing Method)	46.9	%	42 - 52 %
Total WBC Count (Flow Cytometry)	7110	/Cmm	4000 - 10500 /Cmm
Platelet Count (Hydro Dynamic Focusing Method)	123000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	63	%	40 - 70 %
Lymphocytes	31	%	22 - 45 %
Eosinophils	01	%	01 - 04 %
Monocytes	05	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study			
			RBCs are Normochromic & Normocytic. Platelets are decreased in number & Giant platelets are seen. Malarial Parasites are not seen. No Premature cells are seen.
BLOOD INDICES (by Calculated Method)			
M.C.V	95.5	fl	78 - 100 fl
M.C.H	31.2	pg	27 - 31 pg

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M.C.H.C.	32.6	gm/dl	32 - 36 gm/dl
RDW-CV	13.6	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	17	mm	0 - 10 mm
Blood Group Rh			
ABO	"A"		
Rh	POSITIVE		

*** END OF REPORT ***

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ORD/281122/2353

LAB/281122/687 Lab No : 2022175743 LSN : 937751 (SERUM) Sample Quality : Normal
Collection Time : 28/11/2022 15:00:48 Arrival : 28/11/2022 15:35:49 Validation Time 29/11/2022 12:21:05AM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase <i>(PNPP,AMP Buffer Method,Colorimetric)</i>	76.2	U/L	40 - 129 U/L
Billirubin			
Total Billirubin <i>(Diazospecial Iazonium Iron with Blank)</i>	1.05	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin <i>(Diazo,(Evelyn Malloy) with Blank)</i>	0.32	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin <i>(Calculated from Total and Direct Billirubin)</i>	0.73	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) <i>(IFCC without pyridoxal phosphate)</i>	17.2	U/L	0 - 41 U/L
SGOT (AST) <i>(IFCC without pyridoxal 5 phosphate)</i>	15.6	U/L	0 - 40 U/L
Total Protein			
Total Proteins <i>(Biuret Method)</i>	7.86	gm/dl	6.4 - 8.3 gm/dl
Albumin <i>(Bromocresol Green Colorimetric)</i>	4.97	gm/dl	3.97 - 4.95 gm/dl
Globulin	2.89	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.72		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>	0.77	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	76 - 120 mL/min/1.73m2
Fasting Glucose <i>(Hexokinase)</i>	102.1	mg/dL	70 - 100 mg/dL
Remark: Test done from Random sample.			
PSA <i>(ECLIA)</i>	1.03	ng/ml	0 - 4 ng/ml
Thyroid Function Test			
TOTAL T3 (T3) *	1.18	ng/ml	0.846 - 2.02 ng/ml

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<i>(Electrochemiluminescence Assay)</i>			
TOTAL T4 (T4) *	9.23	µgm/dl	5.13 - 14.06 µgm/dl
<i>(Electrochemiluminescence Assay)</i>			
TSH	0.947	µIU/ml	0.27- 4.20 µIU/ml
<i>(Electrochemiluminescence Assay)</i>			
Uric Acid	5.25	mg/dL	3.4 - 7.0 mg/dL
<i>(Uricase Colorimetric Enzymatic)</i>			
Vitamin B-12	133.0	pg/ml	211-946 pg/ml
<i>(Electrochemiluminescence Assay)</i>			
Vitamin D (25 OH) *	17.57	ng/ml	Deficiency : ≤ 20 ng/ml
<i>(Electrochemiluminescence Assay)</i>			Insufficiency : 21 - 29 ng/ml
			Normal : ≥ 30 ng/ml

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ORD/281122/2353

LAB/281122/688 Lab No : 2022175744 LSN : 937751 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:48 Arrival : 28/11/2022 15:35:49 Validation Time 29/11/2022 12:20:53AM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	9.7	mg/dL	6 - 20 mg/dL

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ORD/281122/2353

LAB/281122/734 Lab No : 2022175789 LSN : 937751 (Urine) Sample Quality : Normal
 Collection Time : 28/11/2022 15:30:00 Arrival : 28/11/2022 16:03:31 Validation Time 28/11/2022 5:26:33PM

	<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	Present(++++)	.	.
(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/281122/2353

ORD/281122/2353	Lab No : 2022175743	LSN : 937751	(SERUM)	Sample Quality : Normal
Collection : 28/11/2022 3:00:48PM	Arrival: 28/11/2022 15:37:11	Validation Time: 28/11/2022 13:16:45		
<u>Lipid Profile (With Direct LDL)</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>	
Type of Sample	: Random	.		
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	: 242.9	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>	: 286.1	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>	: 54.4	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>	: 149.3	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>	: 57.22	mg/dL	15 - 30 mg%	
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 4.47		Normal upto 4.5	
LDL/HDL Ratio <i>(Calculated)</i>	: 2.74		Less than 3.5	
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