

Reg. No	: CIMS/A/2022/390826	VisitNo :	: HC/281122/76 [HCV]
Patient Name	: MR. RAJEEV KUMAR JHA	Age(Y-M-D)/Sex	: 46 Y 6 M 18 D. / Male
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/2170

LAB/281122/657 Lab No : 2022175714 LSN : 937740 ( Whole Blood ) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:58 Arrival : 28/11/2022 15:30:58 Validation Time 28/11/2022 7:29:06PM

	<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>	15.3	g/dl	13.5 - 18.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	5.36	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	45.3	%	42 - 52 %
Total WBC Count <i>(Flow Cytometry)</i>	6880	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	231000	/Cmm	150000 - 450000 /Cmm
<b>DIFFERENTIAL COUNT (by Flow Cytometry)</b>			
Polymorphs	53	%	40 - 70 %
Lymphocytes	39	%	22 - 45 %
Eosinophils	01	%	01 - 04 %
Monocytes	07	%	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	84.5	fl	78 - 100 fl
M.C.H	28.5	pg	27 - 31 pg
M.C.H.C.	33.8	gm/dl	32 - 36 gm/dl
RDW-CV	14.1	%	11.5 - 14.0 %
<b>ESR (Red Cell Aggregation)</b>			
After One Hour	2	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>	5.03	%	4.8-5.9% Normal

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HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.03	%	5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	101.9	mg/dL	80 - 140 mg/dL

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

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ORD/281122/2170

LAB/281122/658 Lab No : 2022175715 LSN : 937740 ( SERUM ) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:58 Arrival : 28/11/2022 15:30:58 Validation Time 28/11/2022 8:16:47PM

**Liver Function Test**

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	90.2	U/L	40 - 129 U/L
<b>Billirubin</b>			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.7	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank )	<b>0.26</b>	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.44	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	26	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	23.4	U/L	0 - 40 U/L
<b>Total Protein</b>			
Total Proteins (Biuret Method)	7.88	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	<b>5.15</b>	gm/dl	3.97 - 4.95 gm/dl
Globulin	2.73	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.89		0.9 - 2.1

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

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	1.08	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	76 - 120 mL/min/1.73m2
Fasting Glucose (Hexokinase)	72.1	mg/dL	70 - 100 mg/dL
PSA (ECLIA)	0.65	ng/ml	0 - 4 ng/ml
<b>Thyroid Function Test</b>			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.37	ng/ml	0.846 - 2.02 ng/ml

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TOTAL T4 (T4) *	8.66	µgm/dl	5.13 - 14.06 µgm/dl
<i>(Electrochemiluminescence Assay)</i>			
TSH	3.92	µIU/ml	0.27- 4.20 µIU/ml
<i>(Electrochemiluminescence Assay)</i>			
<b>Total Protein</b>			
Globulin	0	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	-		0.9 - 2.1
Uric Acid	6.75	mg/dL	3.4 - 7.0 mg/dL
<i>(Uricase Colorimetric Enzymatic )</i>			
Vitamin B-12	221.7	pg/ml	211-946 pg/ml
<i>(Electrochemiluminescence Assay)</i>			
Vitamin D (25 OH) *	22.33	ng/ml	Deficiency : ≤ 20 ng/ml
<i>(Electrochemiluminescence Assay)</i>			Insufficiency : 21 - 29 ng/ml
			Normal : ≥ 30 ng/ml

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LAB/281122/659    Lab No : 2022175716    LSN : 937740    ( SERUM    )    Sample Quality : Normal

Collection Time : 28/11/2022 15:00:58    Arrival : 28/11/2022 15:30:58    Validation Time 28/11/2022 8:22:33PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	10.9	mg/dL	6 - 20 mg/dL

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LAB/281122/784    Lab No : 2022175838    LSN : 937740    ( Urine )    Sample Quality : Normal  
Collection Time : 28/11/2022 16:30:03    Arrival : 28/11/2022 16:40:03    Validation Time 28/11/2022 7:20:23PM

	<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	5.0	.	.
(QDS-10 Strip)			
Sp. Gravity	1.015	.	1.005 - 1.035 .
(QDS-10 Strip)			
<b>CHEMICAL EXAMINATION</b>			
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)			
<b>MICROSCOPIC EXAMINATION</b>			
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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LAB/281122/816    Lab No : 2022175872    LSN : 937740    ( SERUM    )    Sample Quality : Normal

Collection Time : 28/11/2022 14:16:08    Arrival : 28/11/2022 17:52:09    Validation Time 28/11/2022 8:22:56PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	65.6	mg/dL	70 - 140 mg/dL

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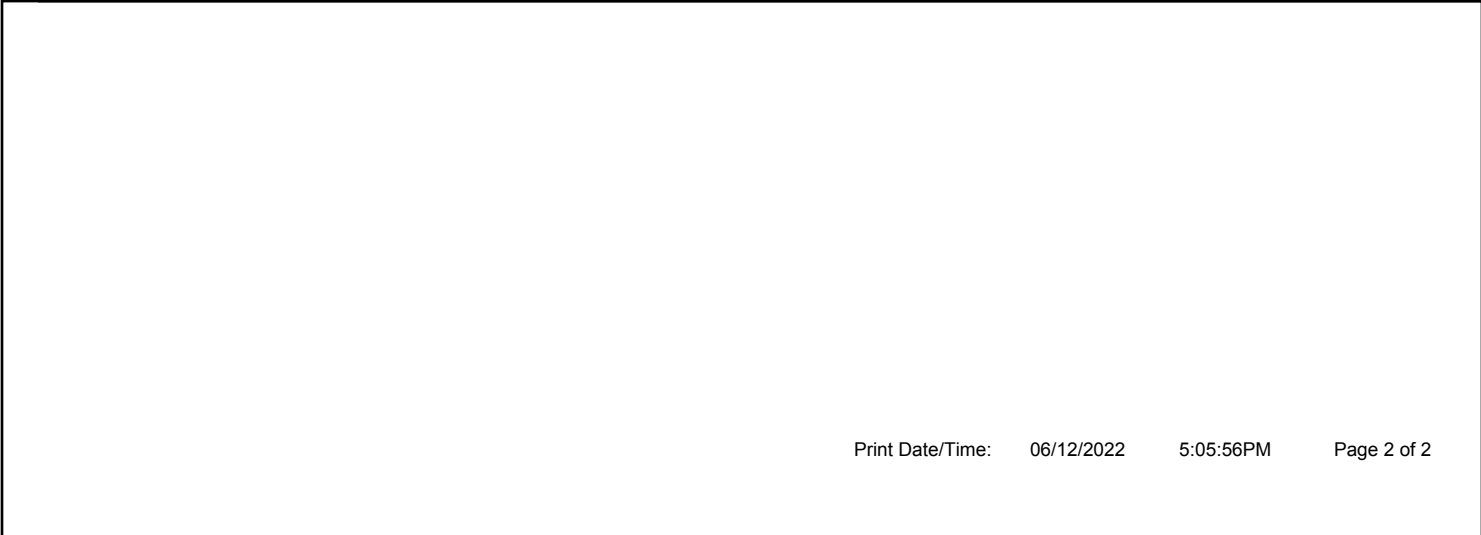
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ORD/281122/2170	Lab No : 2022175715	LSN : 937740	( SERUM )	Sample Quality : Normal
Collection :	28/11/2022 3:00:58PM	Arrival:	28/11/2022 15:32:29	Validation Time: 28/11/2022 13:16:45
<b><u>Lipid Profile (With Direct LDL)</u></b>				
Type of Sample	:	Fasting	.	
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	:	199.1	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>	:	148.8	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>	:	46.2	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>	:	131.4	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>	:	29.76	mg/dL	15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	:	4.31		Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	:	2.84		Less than 3.5
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