

Reg. No	: CIMS/A/2022/390905	VisitNo :	: HC/281122/103 [HCV]
Patient Name	: MR. JITENDRA KUMAR	Age(Y-M-D)/Sex	: 43 Y 5 M 7 D. / Male
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/3009

LAB/281122/873 Lab No : 2022175927 LSN : 937808 ( Whole Blood ) Sample Quality : Normal

Collection Time : 28/11/2022 13:30:34 Arrival : 28/11/2022 18:51:35 Validation Time 28/11/2022 8:51:14PM

	<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>	15.6	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>	47.8	%	42 - 52 %
Total WBC Count <i>(Flow Cytometry)</i>	<b>12190</b>	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	276000	/Cmm	150000 - 450000 /Cmm
<b>DIFFERENTIAL COUNT (by Flow Cytometry)</b>			
Polymorphs	59	%	40 - 70 %
Lymphocytes	30	%	22 - 45 %
Eosinophils	<b>05</b>	%	01 - 04 %
Monocytes	06	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study	RBCs are Normochromic & Normocytic. WBCs Shows Leucocytosis. 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	89.2	fl	78 - 100 fl
M.C.H	29.1	pg	27 - 31 pg
M.C.H.C.	32.6	gm/dl	32 - 36 gm/dl
RDW-CV	13.3	%	11.5 - 14.0 %
<b>ESR (Red Cell Aggregation)</b>			
After One Hour	<b>23</b>	mm	0 - 10 mm
<b>Blood Group Rh</b>			
ABO	"O"		
Rh	POSITIVE		
<b>HbA1c (Glycosylated Haemoglobin )</b>			
<b>TEST</b>			
HbA1c (Glyoco Hb)	<b>7.46</b>	%	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 **188.3** mg/dL 80 - 140 mg/dL

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

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LAB/281122/874 Lab No : 2022175928 LSN : 937808 ( SERUM ) Sample Quality : Normal

Collection Time : 28/11/2022 13:30:34 Arrival : 28/11/2022 18:51:35 Validation Time 28/11/2022 11:30:34PM

**Liver Function Test**

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase <i>(PNPP,AMP Buffer Method,Colorimetric)</i>	93.3	U/L	40 - 129 U/L
<b>Billirubin</b>			
Total Billirubin <i>(Diazospecial Iazonium Iron with Blank)</i>	0.44	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin <i>(Diazo,(Evelyn Malloy) with Blank )</i>	<b>0.23</b>	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin <i>(Calculated from Total and Direct Billirubin)</i>	0.21	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) <i>(IFCC without pyridoxal phosphate)</i>	32.0	U/L	0 - 41 U/L
SGOT (AST) <i>(IFCC without pyridoxal 5 phosphate)</i>	24.4	U/L	0 - 40 U/L
<b>Total Protein</b>			
Total Proteins <i>(Biuret Method)</i>	7.89	gm/dl	6.4 - 8.3 gm/dl
Albumin <i>(Bromocresol Green Colorimetric)</i>	<b>5.02</b>	gm/dl	3.97 - 4.95 gm/dl
Globulin	2.87	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.75		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>	0.78	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>	81.7	mg/dL	70 - 100 mg/dL
<b>Remark: Test done from Random sample.</b>			
PSA <i>(ECLIA)</i>	0.340	ng/ml	0 - 4 ng/ml
<b>Thyroid Function Test</b>			
TOTAL T3 (T3) *	1.19	ng/ml	0.846 - 2.02 ng/ml

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<i>(Electrochemiluminescence Assay)</i>			
TOTAL T4 (T4) *	8.60	µgm/dl	5.13 - 14.06 µgm/dl
<i>(Electrochemiluminescence Assay)</i>			
TSH	2.39	µIU/ml	0.27- 4.20 µIU/ml
<i>(Electrochemiluminescence Assay)</i>			
Uric Acid	5.23	mg/dL	3.4 - 7.0 mg/dL
<i>(Uricase Colorimetric Enzymatic )</i>			
Vitamin B-12	212.9	pg/ml	211-946 pg/ml
<i>(Electrochemiluminescence Assay)</i>			
Vitamin D (25 OH) *	16.49	ng/ml	Deficiency : ≤ 20 ng/ml
<i>(Electrochemiluminescence Assay)</i>			Insufficiency : 21 - 29 ng/ml
			Normal : ≥ 30 ng/ml

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LAB/281122/875    Lab No : 2022175929    LSN : 937808    ( SERUM    )    Sample Quality : Normal

Collection Time : 28/11/2022 13:30:34    Arrival : 28/11/2022 18:51:35    Validation Time 28/11/2022 11:30:08PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	14.2	mg/dL	6 - 20 mg/dL

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

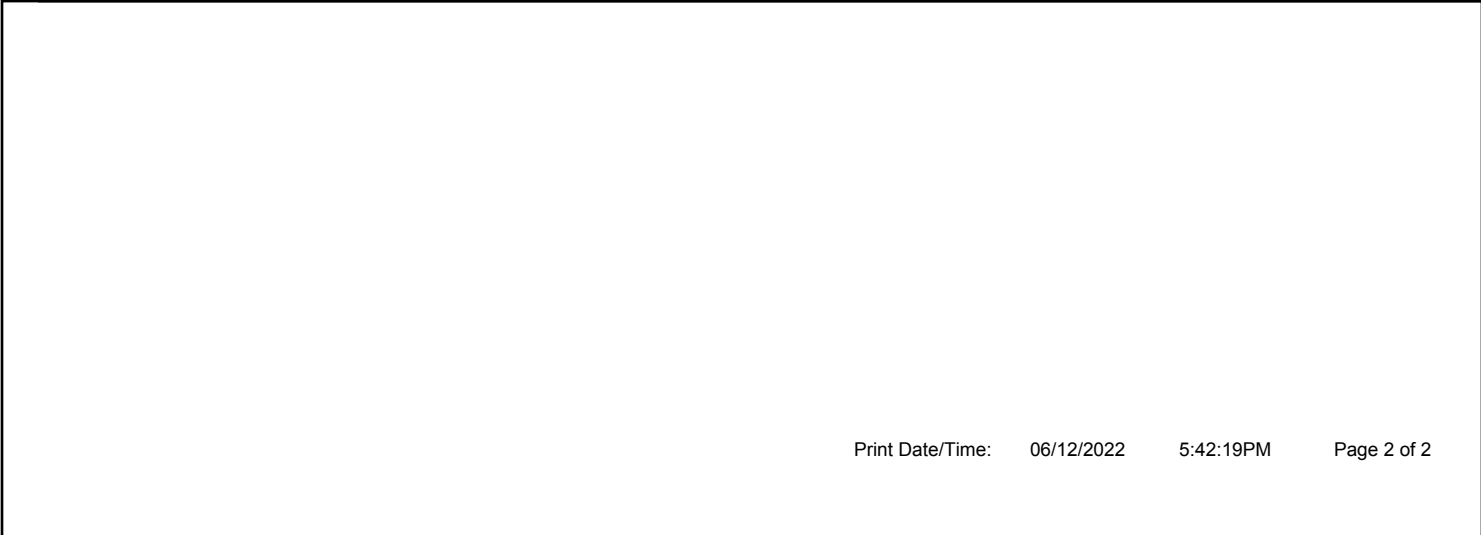
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ORD/281122/3009	Lab No : 2022175928	LSN : 937808	( SERUM )	Sample Quality : Normal
Collection :	28/11/2022 1:30:34PM	Arrival:	28/11/2022 18:52:09	Validation Time: 28/11/2022 14:39:35
<b><u>Lipid Profile (With Direct LDL)</u></b>				
Type of Sample	:	Result	Unit	Reference Range
	:	Random	.	
Cholesterol	:	108.3	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
<i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>				
Triglyceride	:	179.2	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
<i>(Enzymetic Colorimetric without Glycerol Blank without Serum Blank)</i>				
HDL Cholesterol	:	40.4	mg/dL	Less than 40 mg/dl Low 60 mg/dl or above Excellent
<i>(Direct Mearuse Homogenous Technique Modified Enzymatic Colorimetric Gen. 3)</i>				
L D L Cholesterol (DIRECT)	:	41.2	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
<i>(Homogenous Enzymatic colorimetric Assay)</i>				
VLDL Cholesterol	:	35.84	mg/dL	15 - 30 mg%
<i>(Calculated)</i>				
Cholesterol/HDL Ratio	:	2.68		Normal upto 4.5
<i>(Calculated)</i>				
LDL/HDL Ratio	:	1.02		Less than 3.5
<i>(Calculated)</i>				
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