

Reg. No	: CIMS/A/2022/390777	VisitNo :	: HC/281122/49 [HCV]
Patient Name	: MR. NIKHIL RANJAN	Age(Y-M-D)/Sex	: 42 Y 4 M 25 D. / Male
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/998

LAB/281122/507 Lab No : 2022175563 LSN : 937689 ( Whole Blood ) Sample Quality : Normal  
 Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:59:47 Validation Time 28/11/2022 5:14:21PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
<b>HbA1c (Glycosylated Haemoglobin )</b>			
<b>TEST</b>			
HbA1c (Glyoco Hb) (Immuno Turbidimetric)	<b>6.30</b>	%	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	<b>147</b>	mg/dL	80 - 140 mg/dL

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
<b>CBC With ESR</b>			
<b>TOTAL COUNT</b>			
Hemoglobin (SLS Hemoglobin Detection method)	15.1	g/dl	13.5 - 18.0 g/dl
Total RBC Count (Hydro Dynamic Focusing Method)	5.37	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT (Hydro Dynamic Focusing Method)	45.4	%	42 - 52 %
Total WBC Count (Flow Cytometry)	8490	/Cmm	4000 - 10500 /Cmm
Platelet Count (Hydro Dynamic Focusing Method)	213000	/Cmm	150000 - 450000 /Cmm
<b>DIFFERENTIAL COUNT (by Flow Cytometry)</b>			
Polymorphs	64	%	40 - 70 %
Lymphocytes	30	%	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 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	28.1	pg	27 - 31 pg

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M.C.H.C.	33.3	gm/dl	32 - 36 gm/dl
RDW-CV	13.7	%	11.5 - 14.0 %
<b>ESR (Red Cell Aggregation)</b>			
After One Hour	7	mm	0 - 10 mm
<b>Blood Group Rh</b>			
ABO	"O"		
Rh	POSITIVE		

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

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ORD/281122/998

LAB/281122/508 Lab No : 2022175564 LSN : 937689 ( SERUM ) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:59:47 Validation Time 28/11/2022 6:50:41PM

**Liver Function Test**

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	91	U/L	40 - 129 U/L
<b>Billirubin</b>			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.61	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank )	<b>0.24</b>	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.37	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	38.9	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	23.8	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>4.99</b>	gm/dl	3.97 - 4.95 gm/dl
Globulin	2.89	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.73		0.9 - 2.1

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

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.88	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	76 - 120 mL/min/1.73m2
Fasting Glucose (Hexokinase)	83.6	mg/dL	70 - 100 mg/dL
PSA (ECLIA)	0.39	ng/ml	0 - 4 ng/ml
<b>Thyroid Function Test</b>			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.06	ng/ml	0.846 - 2.02 ng/ml

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TOTAL T4 (T4) *	7.64	µgm/dl	5.13 - 14.06 µgm/dl
<i>(Electrochemiluminescence Assay)</i>			
TSH	1.28	µIU/ml	0.27- 4.20 µIU/ml
<i>(Electrochemiluminescence Assay)</i>			
Uric Acid	<b>7.76</b>	mg/dL	3.4 - 7.0 mg/dL
<i>(Uricase Colorimetric Enzymatic )</i>			
Vitamin B-12	543.4	pg/ml	211-946 pg/ml
<i>(Electrochemiluminescence Assay)</i>			
Vitamin D (25 OH) *	20.93	ng/ml	Deficiency : ≤ 20 ng/ml
<i>(Electrochemiluminescence Assay)</i>			Insuficiency : 21 - 29 ng/ml
			Normal : ≥ 30 ng/ml

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ORD/281122/998

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LAB/281122/509    Lab No : 2022175565    LSN : 937689    ( SERUM    )    Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47    Arrival : 28/11/2022 13:59:47    Validation Time 28/11/2022 7:07:08PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	13.0	mg/dL	6 - 20 mg/dL

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ORD/281122/998

LAB/281122/572    Lab No : 2022175625    LSN : 937689    ( Urine )    Sample Quality : Normal  
 Collection Time : 28/11/2022 14:34:24    Arrival : 28/11/2022 14:34:24    Validation Time 28/11/2022 4:00:05PM

	<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	1.025	.	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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ORD/281122/998

LAB/281122/821    Lab No : 2022175876    LSN : 937689    ( SERUM )    Sample Quality : Normal  
 Collection Time : 28/11/2022 13:42:05    Arrival : 28/11/2022 17:54:06    Validation Time 28/11/2022 10:59:48PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	93.1	mg/dL	70 - 140 mg/dL
P.P. Urine Glucose	S.N.G.		

S.N.G. = Sample Not Given

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ORD/281122/998 Lab No : 2022175564 LSN : 937689 ( SERUM ) Sample Quality : Normal  
 Collection : 28/11/2022 1:00:47PM Arrival: 28/11/2022 13:57:33 Validation Time: 28/11/2022 17:07:23

**Lipid Profile (With Direct LDL)**

	<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>	: 131.5	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>	: 118.3	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>	: 41	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>	: 79.0	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>	: 23.66	mg/dL	15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 3.21		Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	: 1.93		Less than 3.5

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**ORD/281122/998**



Print Date/Time: 30/11/2022 7:07:36PM Page 2 of 2