

Reg. No	: CIMS/A/2022/390789	VisitNo :	: HC/281122/52 [HCV]
Patient Name	: MR. NITESH J BHIL	Age(Y-M-D)/Sex	: 42 Y 9 M 14 D. / Male
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/1075

LAB/281122/492 Lab No : 2022175548 LSN : 937686 (Whole Blood) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:51:47 Validation Time 28/11/2022 5:28:09PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin	14.8	g/dl	13.5 - 18.0 g/dl
<i>(SLS Hemoglobin Detection method)</i>			
Total RBC Count	5.31	mill/Cmm	4.7 - 6.0 mill/Cmm
<i>(Hydro Dynamic Focusing Method)</i>			
HCT	45	%	42 - 52 %
<i>(Hydro Dynamic Focusing Method)</i>			
Total WBC Count	6030	/Cmm	4000 - 10500 /Cmm
<i>(Flow Cytometry)</i>			
Platelet Count	219000	/Cmm	150000 - 450000 /Cmm
<i>(Hydro Dynamic Focusing Method)</i>			
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	63	%	40 - 70 %
Lymphocytes	27	%	22 - 45 %
Eosinophils	05	%	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.		
BLOOD INDICES (by Calculated Method)			
M.C.V	84.7	fl	78 - 100 fl
M.C.H	27.9	pg	27 - 31 pg
M.C.H.C.	32.9	gm/dl	32 - 36 gm/dl
RDW-CV	15.1	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	9	mm	0 - 10 mm
Blood Group Rh			
ABO	"B"		
Rh	POSITIVE		
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb)	5.84	%	4.8-5.9% Normal
<i>(Immuno Turbidimetric)</i>			

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HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.84	%	5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	130.5	mg/dL	80 - 140 mg/dL

*** END OF REPORT ***

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LAB/281122/493 Lab No : 2022175549 LSN : 937686 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:51:47 Validation Time 28/11/2022 6:02:48PM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	78.2	U/L	40 - 129 U/L
Billirubin			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.54	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank)	0.21	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.33	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	17.4	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	19.6	U/L	0 - 40 U/L
Total Protein			
Total Proteins (Biuret Method)	7.46	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.94	gm/dl	3.97 - 4.95 gm/dl
Globulin	2.52	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.96		0.9 - 2.1

*** END OF REPORT ***

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.69	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	76 - 120 mL/min/1.73m2
Fasting Glucose (Hexokinase)	88.8	mg/dL	70 - 100 mg/dL
PSA (ECLIA)	0.85	ng/ml	0 - 4 ng/ml
Thyroid Function Test			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.13	ng/ml	0.846 - 2.02 ng/ml

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TOTAL T4 (T4) *	7.07	µgm/dl	5.13 - 14.06 µgm/dl
<i>(Electrochemiluminescence Assay)</i>			
TSH	1.67	µIU/ml	0.27- 4.20 µIU/ml
<i>(Electrochemiluminescence Assay)</i>			
Uric Acid	6.12	mg/dL	3.4 - 7.0 mg/dL
<i>(Uricase Colorimetric Enzymatic)</i>			
Vitamin B-12	187.3	pg/ml	211-946 pg/ml
<i>(Electrochemiluminescence Assay)</i>			
Vitamin D (25 OH) *	10.95	ng/ml	Deficiency : ≤ 20 ng/ml
<i>(Electrochemiluminescence Assay)</i>			Insufficiency : 21 - 29 ng/ml
			Normal : ≥ 30 ng/ml

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ORD/281122/1075

LAB/281122/494 Lab No : 2022175550 LSN : 937686 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:51:47 Validation Time 28/11/2022 6:03:34PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	6.8	mg/dL	6 - 20 mg/dL

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LAB/281122/806 Lab No : 2022175860 LSN : 937686 (Urine) Sample Quality : Normal
 Collection Time : 28/11/2022 17:15:36 Arrival : 28/11/2022 17:23:18 Validation Time 28/11/2022 7:17:58PM

	<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	1.015	.	1.005 - 1.035 .
(QDS-10 Strip)			
CHEMICAL EXAMINATION			
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)			
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/281122/1075	Lab No : 2022175549	LSN : 937686	(SERUM)	Sample Quality : Normal
Collection : 28/11/2022 1:00:47PM	Arrival: 28/11/2022 13:55:12	Validation Time: 28/11/2022 17:22:06		
<u>Lipid Profile (With Direct LDL)</u>	<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>	: 170.3	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	
Triglyceride <i>(Enzymetic Colorimetric without Glycerol Blank without Serum Blank)</i>	: 141.9	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>	: 39.1	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>	: 115.2	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	
VLDL Cholesterol <i>(Calculated)</i>	: 28.38	mg/dL	15 - 30 mg%	
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 4.36		Normal upto 4.5	
LDL/HDL Ratio <i>(Calculated)</i>	: 2.95		Less than 3.5	
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ORD/281122/1075

Print Date/Time: 30/11/2022 7:09:09PM Page 2 of 2