

Reg. No	: CIMS/A/2022/390862	VisitNo :	: HC/281122/84 [HCV]
Patient Name	: Mrs. NIDHI SHAH	Age(Y-M-D)/Sex	: 32 Y 1 M 12 D. / Female
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/2323

LAB/281122/692 Lab No : 2022175748 LSN : 937753 (Whole Blood) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:03 Arrival : 28/11/2022 15:38:04 Validation Time 28/11/2022 7:55:24PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin <i>(SLS Hemoglobin Detection method)</i>	12.4	g/dl	12.5 - 16.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	4.71	mill/Cmm	4.2 - 5.4 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	40	%	37 - 47 %
Total WBC Count <i>(Flow Cytometry)</i>	12170	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	577000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	64	%	40 - 70 %
Lymphocytes	26	%	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 increased in number. Malarial Parasites are not seen. No Premature cells are seen.		
BLOOD INDICES (by Calculated Method)			
M.C.V	84.9	fl	78 - 100 fl
M.C.H	26.3	pg	27 - 31 pg
M.C.H.C.	31	gm/dl	32 - 36 gm/dl
RDW-CV	13.3	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	50	mm	0 - 12 mm
Blood Group Rh			
ABO	"AB"		
Rh	POSITIVE		
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	6.14	%	4.8-5.9% Normal

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HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	6.14	%	5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	141.4	mg/dL	80 - 140 mg/dL

*** END OF REPORT ***

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ORD/281122/2323

LAB/281122/693 Lab No : 2022175749 LSN : 937753 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:03 Arrival : 28/11/2022 15:38:04 Validation Time 28/11/2022 8:15:59PM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	105.3	U/L	35 - 104 U/L
Billirubin			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.22	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank)	0.09	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.13	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	15.9	U/L	0 - 33 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	13.5	U/L	0 - 32 U/L
Total Protein			
Total Proteins (Biuret Method)	8.1	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.58	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.52	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.3		0.9 - 2.1

*** END OF REPORT ***

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.65	mg/dL	0.5 - 0.9 mg/dL
Estimated GFR	-	mL/min/1.73m2	71 - 121 mL/min/1.73m2
Fasting Glucose (Hexokinase)	70.7	mg/dL	70 - 100 mg/dL
Thyroid Function Test			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	0.88	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	8.38	µgm/dl	5.13 - 14.06 µgm/dl
TSH	3.19	µIU/ml	0.27- 4.20 µIU/ml

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(Electrochemiluminescence Assay)

Uric Acid <i>(Uricase Colorimetric Enzymatic)</i>	6.75	mg/dL	2.4 - 5.7 mg/dL
Vitamin B-12 <i>(Electrochemiluminescence Assay)</i>	227.8	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * <i>(Electrochemiluminescence Assay)</i>	12.14	ng/ml	Deficiency : ≤ 20 ng/ml Insufficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

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ORD/281122/2323

LAB/281122/694 Lab No : 2022175750 LSN : 937753 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:03 Arrival : 28/11/2022 15:38:04 Validation Time 28/11/2022 8:25:08PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	11.2	mg/dL	6 - 20 mg/dL

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ORD/281122/2323

LAB/281122/711 Lab No : 2022175764 LSN : 937753 (Urine) Sample Quality : Normal
Collection Time : 28/11/2022 15:00:52 Arrival : 28/11/2022 15:58:52 Validation Time 28/11/2022 6:28:05PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Urine R & M			
PHYSICAL EXAMINATION			
Quantity	20 cc	.	.
Colour	Pale Yellow	.	.
Transperancy	Slight Turbid	.	.
Reaction	7.0	.	.
(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	8-10	/H.P.F.	/H.P.F.
Red Blood Cell	Nil	/H.P.F.	/H.P.F.
Epithelial Cell	10-12	/H.P.F.	/H.P.F.
Cast	Not Seen		
Crystals	Not Seen		
Amorphous	Absent		
Monilia	Absent		

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Ward/Room	:	Bed	:	

ORD/281122/2323

LAB/281122/820 Lab No : 2022175875 LSN : 937753 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:31:08 Arrival : 28/11/2022 17:52:09 Validation Time 28/11/2022 8:24:42PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	134.5	mg/dL	70 - 140 mg/dL
P.P. Urine Glucose	S.N.G.		

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ORD/281122/2323

ORD/281122/2323	Lab No : 2022175749	LSN : 937753	(SERUM)	Sample Quality : Normal
Collection : 28/11/2022 3:00:03PM		Arrival: 28/11/2022 15:38:37	Validation Time: 28/11/2022 14:39:35	
<u>Lipid Profile (With Direct LDL)</u>				
Type of Sample	:	Fasting	.	
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	:	314.1	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>	:	101.1	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>	:	40.9	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>	:	251.4	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>	:	20.22	mg/dL	15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	:	7.68		Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	:	6.15		Less than 3.5
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