

Reg. No	: CIMS/A/2022/390782	VisitNo :	: HC/281122/51 [HCV]
Patient Name	: Mrs. SUDHA N BHIL	Age(Y-M-D)/Sex	: 40 Y 10 M 0 D. / Female
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/1036

LAB/281122/489 Lab No : 2022175545 LSN : 937685 ( 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 5:29:23PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
<b>CBC With ESR</b>			
<b>TOTAL COUNT</b>			
Hemoglobin (SLS Hemoglobin Detection method)	15.3	g/dl	12.5 - 16.0 g/dl
Total RBC Count (Hydro Dynamic Focusing Method)	5.21	mill/Cmm	4.2 - 5.4 mill/Cmm
HCT (Hydro Dynamic Focusing Method)	46.2	%	37 - 47 %
Total WBC Count (Flow Cytometry)	7150	/Cmm	4000 - 10500 /Cmm
Platelet Count (Hydro Dynamic Focusing Method)	338000	/Cmm	150000 - 450000 /Cmm
<b>DIFFERENTIAL COUNT (by Flow Cytometry)</b>			
Polymorphs	59	%	40 - 70 %
Lymphocytes	32	%	22 - 45 %
Eosinophils	01	%	01 - 04 %
Monocytes	08	%	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	88.7	fl	78 - 100 fl
M.C.H	29.4	pg	27 - 31 pg
M.C.H.C.	33.1	gm/dl	32 - 36 gm/dl
RDW-CV	12.7	%	11.5 - 14.0 %

**ESR (Red Cell Aggregation)**

After One Hour	17	mm	0 - 12 mm
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**Blood Group Rh**

ABO	"O"
Rh	POSITIVE

**HbA1c (Glycosylated Haemoglobin )**

**TEST**

HbA1c (Glyoco Hb) (Immuno Turbidimetric)	5.66	%	4.8-5.9% Normal
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HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.66	%	5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	124.1	mg/dL	80 - 140 mg/dL

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

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ORD/281122/1036

LAB/281122/490    Lab No : 2022175546    LSN : 937685    ( SERUM )    Sample Quality : Normal  
Collection Time : 28/11/2022 13:00:47    Arrival : 28/11/2022 13:51:47    Validation Time 28/11/2022 6:05:06PM

**Liver Function Test**

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase <i>(PNPP,AMP Buffer Method,Colorimetric)</i>	62.9	U/L	35 - 104 U/L
<b>Billirubin</b>			
Total Billirubin <i>(Diazospecial Iazonium Iron with Blank)</i>	0.33	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin <i>(Diazo,(Evelyn Malloy) with Blank )</i>	0.13	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin <i>(Calculated from Total and Direct Billirubin)</i>	0.2	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) <i>(IFCC without pyridoxal phosphate)</i>	18.1	U/L	0 - 33 U/L
SGOT (AST) <i>(IFCC without pyridoxal 5 phosphate)</i>	19.3	U/L	0 - 32 U/L
<b>Total Protein</b>			
Total Proteins <i>(Biuret Method)</i>	8.01	gm/dl	6.4 - 8.3 gm/dl
Albumin <i>(Bromocresol Green Colorimetric)</i>	4.71	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.3	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.43		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>	0.51	mg/dL	0.5 - 0.9 mg/dL
Estimated GFR	-	mL/min/1.73m2	50 - 102 mL/min/1.73m2
Fasting Glucose <i>(Hexokinase)</i>	75.9	mg/dL	70 - 100 mg/dL
<b>Thyroid Function Test</b>			
TOTAL T3 (T3) * <i>(Electrochemiluminescence Assay)</i>	1.57	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * <i>(Electrochemiluminescence Assay)</i>	11.47	µgm/dl	5.13 - 14.06 µgm/dl
TSH	<b>6.31</b>	µIU/ml	0.27- 4.20 µIU/ml

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*(Electrochemiluminescence Assay)*

Uric Acid <i>(Uricase Colorimetric Enzymatic )</i>	3.23	mg/dL	2.4 - 5.7 mg/dL
Vitamin B-12 <i>(Electrochemiluminescence Assay)</i>	240.2	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * <i>(Electrochemiluminescence Assay)</i>	9.18	ng/ml	Deficiency : ≤ 20 ng/ml Insufficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

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ORD/281122/1036

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LAB/281122/491    Lab No : 2022175547    LSN : 937685    ( SERUM    )    Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47    Arrival : 28/11/2022 13:51:47    Validation Time 28/11/2022 7:07:47PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	5.3	mg/dL	6 - 20 mg/dL

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ORD/281122/1036

LAB/281122/574    Lab No : 2022175628    LSN : 937685    ( Urine )    Sample Quality : Normal  
 Collection Time : 28/11/2022 14:34:24    Arrival : 28/11/2022 14:34:24    Validation Time 28/11/2022 3:55:33PM

	<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 (QDS-10 Strip)	6.5	.	.
Sp. Gravity (QDS-10 Strip)	1.010	.	1.005 - 1.035 .
<b>CHEMICAL EXAMINATION</b>			
U. Albumin (QDS-10 Strip/Manual)	Nil	.	.
U. Glucose (QDS-10 Strip/Manual)	Nil	.	.
U. Acetone (QDS-10 Strip/Manual)	Absent	.	.
BS/BP (QDS-10 Strip/Manual)	Absent	.	.
<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	Nil	/H.P.F.	/H.P.F.
Cast	Not Seen		
Crystals	Not Seen		
Amorphous	Absent		
Monilia	Absent		

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ORD/281122/1036

ORD/281122/1036	Lab No : 2022175546	LSN : 937685	( SERUM )	Sample Quality : Normal
Collection : 28/11/2022 1:00:47PM	Arrival: 28/11/2022 13:54:45	Validation Time: 28/11/2022 17:24:12		
<b><u>Lipid Profile (With Direct LDL)</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Reference Range</u></b>	
Type of Sample	: Fasting	.		
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	: 144.4	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>	: 69.5	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>	: 43	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>	: 88.8	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>	: 13.9	mg/dL	15 - 30 mg%	
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 3.36		Normal upto 4.5	
LDL/HDL Ratio <i>(Calculated)</i>	: 2.07		Less than 3.5	
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