

Reg. No	: CIMS/A/2022/390842	VisitNo :	: HC/281122/67 [HCV]
Patient Name	: Mrs. SHIRIN I PATEL	Age(Y-M-D)/Sex	: 37 Y 6 M 0 D. / Female
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/2080

LAB/281122/847 Lab No : 2022175899 LSN : 937799 ( Whole Blood ) Sample Quality : Normal  
Collection Time : 28/11/2022 13:37:57 Arrival : 28/11/2022 18:11:57 Validation Time 28/11/2022 8:51:35PM

	<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>	11.8	g/dl	13.5 - 18.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	4.38	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	36.1	%	42 - 52 %
Total WBC Count <i>(Flow Cytometry)</i>	10340	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	232000	/Cmm	150000 - 450000 /Cmm
<b>DIFFERENTIAL COUNT (by Flow Cytometry)</b>			
Polymorphs	64	%	40 - 70 %
Lymphocytes	28	%	22 - 45 %
Eosinophils	04	%	01 - 04 %
Monocytes	04	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study			
			RBCs are Normochromic & Normocytic. Platelets are adequate in number & Giant platelets are seen. Malarial Parasites are not seen. No Premature cells are seen.
<b>BLOOD INDICES (by Calculated Method)</b>			
M.C.V	82.4	fl	78 - 100 fl
M.C.H	26.9	pg	27 - 31 pg
M.C.H.C.	32.7	gm/dl	32 - 36 gm/dl
RDW-CV	13.4	%	11.5 - 14.0 %
<b>ESR (Red Cell Aggregation)</b>			
After One Hour	23	mm	0 - 10 mm
<b>Blood Group Rh</b>			
ABO	"B"		
Rh	POSITIVE		
<b>HbA1c (Glycosylated Haemoglobin )</b>			
<b>TEST</b>			
HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.78	%	4.8-5.9% Normal

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HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.78	%	5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	128.4	mg/dL	80 - 140 mg/dL

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

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LAB/281122/848 Lab No : 2022175900 LSN : 937799 ( SERUM ) Sample Quality : Normal

Collection Time : 28/11/2022 13:37:57 Arrival : 28/11/2022 18:11:57 Validation Time 28/11/2022 10:59:08PM

**Liver Function Test**

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	84.4	U/L	40 - 129 U/L
<b>Billirubin</b>			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.94	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank )	0.31	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.63	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	10.6	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	13.8	U/L	0 - 40 U/L
<b>Total Protein</b>			
Total Proteins (Biuret Method)	7.14	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.03	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.11	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)	0.68	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	59 - 137 mL/min/1.73m2
Fasting Glucose (Hexokinase)	61.0	mg/dL	70 - 100 mg/dL
<b>Thyroid Function Test</b>			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.01	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	8.42	µgm/dl	5.13 - 14.06 µgm/dl
TSH	1.16	µIU/ml	0.27- 4.20 µIU/ml

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*(Electrochemiluminescence Assay)*

Uric Acid <i>(Uricase Colorimetric Enzymatic )</i>	<b>3.24</b>	mg/dL	3.4 - 7.0 mg/dL
Vitamin B-12 <i>(Electrochemiluminescence Assay)</i>	215.5	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * <i>(Electrochemiluminescence Assay)</i>	6.72	ng/ml	Deficiency : ≤ 20 ng/ml Insuficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

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ORD/281122/2080

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LAB/281122/849    Lab No : 2022175901    LSN : 937799    ( SERUM    )    Sample Quality : Normal  
Collection Time : 28/11/2022 13:37:57    Arrival : 28/11/2022 18:11:57    Validation Time 28/11/2022 11:00:04PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	8.1	mg/dL	6 - 20 mg/dL

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ORD/281122/2080	Lab No : 2022175900	LSN : 937799	( SERUM )	Sample Quality : Normal
Collection : 28/11/2022 1:37:57PM		Arrival: 28/11/2022 18:12:36	Validation Time: 28/11/2022 14:39:35	
<b><u>Lipid Profile (With Direct LDL)</u></b>				
Type of Sample	:	Fasting	.	
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	:	172.2	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>	:	49.3	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>	:	36.6	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>	:	127.0	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>	:	9.86	mg/dL	15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	:	4.7		Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	:	3.47		Less than 3.5
*** END OF REPORT ***				

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