

Reg. No	: CIMS/A/2022/390865	VisitNo :	: HC/281122/87 [HCV]
Patient Name	: Mrs. ANJALI SETH	Age(Y-M-D)/Sex	: 32 Y 1 M 12 D. / Female
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/2340

LAB/281122/701 Lab No : 2022175757 LSN : 937756 ( 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 11:23:08PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
<b>HbA1c (Glycosylated Haemoglobin )</b>			
<b>TEST</b>			
HbA1c (Glyoco Hb)	5.88	%	4.8-5.9% Normal
(Immuno Turbidimetric)			5.9-7.0% Good diabetic control
			7.0-10.0% Fair diabetic control
			>10.0% Poor diabetic control
Mean Plasma Glucose	131.9	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	12.7	g/dl	12.5 - 16.0 g/dl
(SLS Hemoglobin Detection method)			
Total RBC Count	4.61	mill/Cmm	4.2 - 5.4 mill/Cmm
(Hydro Dynamic Focusing Method)			
HCT	38.8	%	37 - 47 %
(Hydro Dynamic Focusing Method)			
Total WBC Count	6670	/Cmm	4000 - 10500 /Cmm
(Flow Cytometry)			
Platelet Count	410000	/Cmm	150000 - 450000 /Cmm
(Hydro Dynamic Focusing Method)			
<b>DIFFERENTIAL COUNT (by Flow Cytometry)</b>			
Polymorphs	64	%	40 - 70 %
Lymphocytes	28	%	22 - 45 %
Eosinophils	02	%	01 - 04 %
Monocytes	06	%	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	84.2	fl	78 - 100 fl
M.C.H	27.5	pg	27 - 31 pg

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M.C.H.C.	32.7	gm/dl	32 - 36 gm/dl
RDW-CV	13.3	%	11.5 - 14.0 %
<b>ESR (Red Cell Aggregation)</b>			
After One Hour	16	mm	0 - 12 mm
<b>Blood Group Rh</b>			
ABO	"A"		
Rh	POSITIVE		

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ORD/281122/2340

LAB/281122/702 Lab No : 2022175758 LSN : 937756 ( SERUM ) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:03 Arrival : 28/11/2022 15:38:04 Validation Time 29/11/2022 12:23:13AM

**Liver Function Test**

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	71.7	U/L	35 - 104 U/L
<b>Billirubin</b>			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.40	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank )	0.16	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.24	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	10.0	U/L	0 - 33 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	16.2	U/L	0 - 32 U/L
<b>Total Protein</b>			
Total Proteins (Biuret Method)	7.86	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.77	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.09	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.54		0.9 - 2.1

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

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.67	mg/dL	0.5 - 0.9 mg/dL
<b>Thyroid Function Test</b>			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.13	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	6.75	µgm/dl	5.13 - 14.06 µgm/dl
TSH (Electrochemiluminescence Assay)	<b>8.35</b>	µIU/ml	0.27- 4.20 µIU/ml
Uric Acid (Uricase Colorimetric Enzymatic )	4.78	mg/dL	2.4 - 5.7 mg/dL

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Vitamin B-12 (Electrochemiluminescence Assay)	359.4	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * (Electrochemiluminescence Assay)	10.04	ng/ml	Deficiency : ≤ 20 ng/ml Insufficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

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

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Fasting Glucose (Hexokinase)	61.7	mg/dL	70 - 100 mg/dL

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ORD/281122/2340

LAB/281122/703    Lab No : 2022175759    LSN : 937756    ( SERUM    )    Sample Quality : Normal  
 Collection Time : 28/11/2022 15:00:03    Arrival : 28/11/2022 15:38:04    Validation Time 29/11/2022 12:20:29AM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	9.7	mg/dL	6 - 20 mg/dL

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

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ORD/281122/2340

LAB/281122/717    Lab No : 2022175767    LSN : 937756    ( Urine )    Sample Quality : Normal  
 Collection Time : 28/11/2022 15:00:52    Arrival : 28/11/2022 15:58:52    Validation Time 28/11/2022 5:44:10PM

	<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	Slight Turbid	.	.
Reaction (QDS-10 Strip)	8.0	.	.
Sp. Gravity (QDS-10 Strip)	1.015	.	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	10-12	/H.P.F.	/H.P.F.
Red Blood Cell	8-10	/H.P.F.	/H.P.F.
Epithelial Cell	12-15	/H.P.F.	/H.P.F.
Cast	Not Seen		
Crystals	Not Seen		
Amorphous	Absent		
Monilia	Absent		

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ORD/281122/2340

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LAB/281122/823    Lab No : 2022175877    LSN : 937756    ( SERUM    )    Sample Quality : Normal

Collection Time : 28/11/2022 13:42:05    Arrival : 28/11/2022 17:54:06    Validation Time 28/11/2022 11:23:16PM

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	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	105	mg/dL	70 - 140 mg/dL

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ORD/281122/2340

ORD/281122/2340	Lab No : 2022175758	LSN : 937756	( SERUM )	Sample Quality : Normal
Collection :	28/11/2022 3:00:03PM	Arrival:	28/11/2022 15:40:37	Validation Time: 28/11/2022 17:26:20
<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>	: 176.1	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>	: 128.7	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>	: 37.1	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>	: 119.8	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>	: 25.74	mg/dL	15 - 30 mg%	
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 4.75		Normal upto 4.5	
LDL/HDL Ratio <i>(Calculated)</i>	: 3.23		Less than 3.5	
*** END OF REPORT ***				



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