

Reg. No	: CIMS/A/2022/390779	VisitNo :	: HC/281122/50 [HCV]
Patient Name	: Mrs. MEGHA VAGHELA	Age(Y-M-D)/Sex	: 35 Y 9 M 14 D. / Female
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/1024

LAB/281122/478 Lab No : 2022175536 LSN : 937682 (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 5:37:42PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin <i>(SLS Hemoglobin Detection method)</i>	12.7	g/dl	12.5 - 16.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	4.33	mill/Cmm	4.2 - 5.4 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	41	%	37 - 47 %
Total WBC Count <i>(Flow Cytometry)</i>	12110	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	330000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	82	%	40 - 70 %
Lymphocytes	13	%	22 - 45 %
Eosinophils	02	%	01 - 04 %
Monocytes	03	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study	RBCs shows Macrocytosis(+),Anisocytosis(+). WBCs Shows Neutrophilic Leucocytosis. Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.		
BLOOD INDICES (by Calculated Method)			
M.C.V	94.7	fl	78 - 100 fl
M.C.H	29.3	pg	27 - 31 pg
M.C.H.C.	31	gm/dl	32 - 36 gm/dl
RDW-CV	17.5	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	39	mm	0 - 12 mm
Blood Group Rh			
ABO	"B"		
Rh	NEGATIVE		
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb)	5.53	%	4.8-5.9% Normal

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(Immuno Turbidimetric)

5.9-7.0% Good diabetic control

7.0-10.0% Fair diabetic control

>10.0% Poor diabetic control

Mean Plasma Glucose 119.5 mg/dL 80 - 140 mg/dL

*** END OF REPORT ***

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LAB/281122/481 Lab No : 2022175537 LSN : 937682 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:51:47 Validation Time 28/11/2022 6:04:15PM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	62.3	U/L	35 - 104 U/L
Billirubin			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.59	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank)	0.27	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.32	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	13.1	U/L	0 - 33 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	14.7	U/L	0 - 32 U/L
Total Protein			
Total Proteins (Biuret Method)	7.8	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.37	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.43	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.27		0.9 - 2.1

*** END OF REPORT ***

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.63	mg/dL	0.5 - 0.9 mg/dL
Estimated GFR	-	mL/min/1.73m2	71 - 121 mL/min/1.73m2
Fasting Glucose (Hexokinase)	59.2	mg/dL	70 - 100 mg/dL
Thyroid Function Test			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.18	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	10.2	µgm/dl	5.13 - 14.06 µgm/dl
TSH	1.25	µIU/ml	0.27- 4.20 µIU/ml

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(Electrochemiluminescence Assay)

Uric Acid <i>(Uricase Colorimetric Enzymatic)</i>	5.14	mg/dL	2.4 - 5.7 mg/dL
Vitamin B-12 <i>(Electrochemiluminescence Assay)</i>	86.3	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * <i>(Electrochemiluminescence Assay)</i>	12.72	ng/ml	Deficiency : ≤ 20 ng/ml Insufficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

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ORD/281122/1024

LAB/281122/482 Lab No : 2022175538 LSN : 937682 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:51:47 Validation Time 28/11/2022 7:07:22PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	6.1	mg/dL	6 - 20 mg/dL

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LAB/281122/510 Lab No : 2022175570 LSN : 937682 (Urine) Sample Quality : Normal
 Collection Time : 28/11/2022 14:01:33 Arrival : 28/11/2022 14:01:33 Validation Time 28/11/2022 3:58:56PM

	<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 (QDS-10 Strip)	6.0	.	.
Sp. Gravity (QDS-10 Strip)	1.015	.	1.005 - 1.035 .
CHEMICAL EXAMINATION			
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	.	.
MICROSCOPIC EXAMINATION			
Pus Cell	10-12	/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/281122/1024

LAB/281122/858 Lab No : 2022175912 LSN : 937682 (SERUM) Sample Quality : Normal
Collection Time : 28/11/2022 13:10:28 Arrival : 28/11/2022 18:16:28 Validation Time 28/11/2022 9:03:06PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	56.7	mg/dL	70 - 140 mg/dL

*** END OF REPORT ***

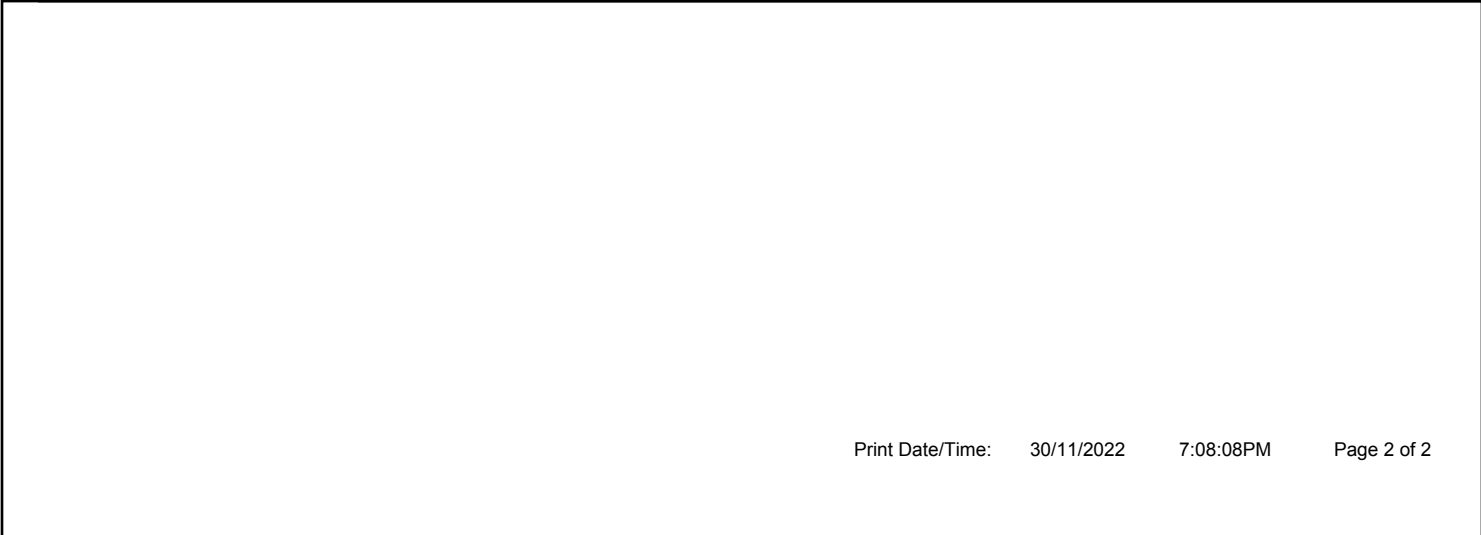
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ORD/281122/1024	Lab No : 2022175537	LSN : 937682	(SERUM)	Sample Quality : Normal
Collection : 28/11/2022 1:00:47PM	Arrival: 28/11/2022 13:53:40	Validation Time: 26/11/2022 17:55:44		
<u>Lipid Profile (With Direct LDL)</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>	
Type of Sample	: Fasting	.		
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	: 159.6	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>	: 70	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>	: 42.2	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>	: 105.9	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>	: 14	mg/dL	15 - 30 mg%	
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 3.78		Normal upto 4.5	
LDL/HDL Ratio <i>(Calculated)</i>	: 2.51		Less than 3.5	
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