

Reg. No	: CIMS/A/2022/390869	VisitNo :	: HC/281122/91 [HCV]
Patient Name	: Mrs. ALIYA SHAIKH	Age(Y-M-D)/Sex	: 39 Y 8 M 11 D. / Female
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/2374

LAB/281122/698 Lab No : 2022175754 LSN : 937755 (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 7:54:58PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin <i>(SLS Hemoglobin Detection method)</i>	10	g/dl	12.5 - 16.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	4.65	mill/Cmm	4.2 - 5.4 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	33.7	%	37 - 47 %
Total WBC Count <i>(Flow Cytometry)</i>	6400	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	337000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	55	%	40 - 70 %
Lymphocytes	37	%	22 - 45 %
Eosinophils	03	%	01 - 04 %
Monocytes	05	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study	RBCs shows Anisocytosis(+),Microcytosis(+),Hypochromia(+),Elliptocytosis(+). Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.		
BLOOD INDICES (by Calculated Method)			
M.C.V	72.5	fl	78 - 100 fl
M.C.H	21.5	pg	27 - 31 pg
M.C.H.C.	29.7	gm/dl	32 - 36 gm/dl
RDW-CV	16.6	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	10	mm	0 - 12 mm
Blood Group Rh			
ABO	"O"		
Rh	POSITIVE		
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb)	5.74	%	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 127.1 mg/dL 80 - 140 mg/dL

*** END OF REPORT ***

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ORD/281122/2374

LAB/281122/699 Lab No : 2022175755 LSN : 937755 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 15:00:03 Arrival : 28/11/2022 15:38:04 Validation Time 28/11/2022 8:07:34PM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	44.8	U/L	35 - 104 U/L
Billirubin			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.24	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank)	0.12	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.12	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	5.2	U/L	0 - 33 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	13.8	U/L	0 - 32 U/L
Total Protein			
Total Proteins (Biuret Method)	7.71	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.61	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.1	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.49		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)	74.1	mg/dL	70 - 100 mg/dL
Thyroid Function Test			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.23	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	7.86	µgm/dl	5.13 - 14.06 µgm/dl
TSH	1.8	µIU/ml	0.27- 4.20 µIU/ml

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(Electrochemiluminescence Assay)

Total Protein

Total Proteins <i>(Biuret Method)</i>	7.71	gm/dl	6.4 - 8.3 gm/dl
Albumin <i>(Bromocresol Green Colorimetric)</i>	4.61	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.1	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.49		0.9 - 2.1
Uric Acid <i>(Uricase Colorimetric Enzymatic)</i>	2.75	mg/dL	2.4 - 5.7 mg/dL
Vitamin B-12 <i>(Electrochemiluminescence Assay)</i>	125	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * <i>(Electrochemiluminescence Assay)</i>	8.75	ng/ml	Deficiency : ≤ 20 ng/ml Insufficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

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ORD/281122/2374

LAB/281122/700 Lab No : 2022175756 LSN : 937755 (SERUM) Sample Quality : Normal

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

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	5.5	mg/dL	6 - 20 mg/dL

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ORD/281122/2374

LAB/281122/732 Lab No : 2022175787 LSN : 937755 (Urine) Sample Quality : Normal
 Collection Time : 28/11/2022 15:30:00 Arrival : 28/11/2022 16:03:31 Validation Time 28/11/2022 7:19:44PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Urine R & M			
PHYSICAL EXAMINATION			
Quantity	20 cc	.	.
Colour	Pale Yellow	.	.
Transperancy	Clear	.	.
Reaction	5.0	.	.
(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	1-2	/H.P.F.	/H.P.F.
Red Blood Cell	Occasional	/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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ORD/281122/2374 Lab No : 2022175755 LSN : 937755 (SERUM) Sample Quality : Normal
Collection : 28/11/2022 3:00:03PM Arrival: 28/11/2022 15:39:59 Validation Time: 28/11/2022 14:39:35

Lipid Profile (With Direct LDL)

	<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>	: 108.4	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>	: 85.8	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>	: 31.6	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>	: 67.1	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>	: 17.16	mg/dL	15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 3.43		Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	: 2.12		Less than 3.5

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