

Reg. No	: CIMS/A/2022/390798	VisitNo :	: HC/281122/58 [HCV]
Patient Name	: MR. GUNMAL GAMETI	Age(Y-M-D)/Sex	: 28 Y 8 M 10 D. / Male
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:
Ward/Room	:	Bed	:

ORD/281122/1147

LAB/281122/483 Lab No : 2022175539 LSN : 937683 (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 5:08:42PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin <i>(SLS Hemoglobin Detection method)</i>	11.6	g/dl	13.5 - 18.0 g/dl
Total RBC Count <i>(Hydro Dynamic Focusing Method)</i>	4.5	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT <i>(Hydro Dynamic Focusing Method)</i>	37.5	%	42 - 52 %
Total WBC Count <i>(Flow Cytometry)</i>	5510	/Cmm	4000 - 10500 /Cmm
Platelet Count <i>(Hydro Dynamic Focusing Method)</i>	318000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	48	%	40 - 70 %
Lymphocytes	39	%	22 - 45 %
Eosinophils	07	%	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.		
BLOOD INDICES (by Calculated Method)			
M.C.V	83.3	fl	78 - 100 fl
M.C.H	25.8	pg	27 - 31 pg
M.C.H.C.	30.9	gm/dl	32 - 36 gm/dl
RDW-CV	16.8	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	59	mm	0 - 10 mm
Blood Group Rh			
ABO	"B"		
Rh	POSITIVE		
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.89	%	4.8-5.9% Normal

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HbA1c (Glyoco Hb) <i>(Immuno Turbidimetric)</i>	5.89	%	5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	132.5	mg/dL	80 - 140 mg/dL

*** END OF REPORT ***

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ORD/281122/1147

LAB/281122/484 Lab No : 2022175540 LSN : 937683 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:51:47 Validation Time 28/11/2022 6:06:00PM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase (PNPP,AMP Buffer Method,Colorimetric)	83.8	U/L	40 - 129 U/L
Billirubin			
Total Billirubin (Diazospecial Iazonium Iron with Blank)	0.23	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin (Diazo,(Evelyn Malloy) with Blank)	0.1	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin (Calculated from Total and Direct Billirubin)	0.13	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) (IFCC without pyridoxal phosphate)	13	U/L	0 - 41 U/L
SGOT (AST) (IFCC without pyridoxal 5 phosphate)	15.6	U/L	0 - 40 U/L
Total Protein			
Total Proteins (Biuret Method)	8.6	gm/dl	6.4 - 8.3 gm/dl
Albumin (Bromocresol Green Colorimetric)	4.63	gm/dl	3.97 - 4.95 gm/dl
Globulin	3.97	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.17		0.9 - 2.1

*** END OF REPORT ***

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine (Buffered Jaffe Reaction Kinetic Compensated)	0.51	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	94 - 140 mL/min/1.73m2
Fasting Glucose (Hexokinase)	70.9	mg/dL	70 - 100 mg/dL
Thyroid Function Test			
TOTAL T3 (T3) * (Electrochemiluminescence Assay)	1.27	ng/ml	0.846 - 2.02 ng/ml
TOTAL T4 (T4) * (Electrochemiluminescence Assay)	7.66	µgm/dl	5.13 - 14.06 µgm/dl
TSH	20.88	µIU/ml	0.27- 4.20 µIU/ml

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(Electrochemiluminescence Assay)

Uric Acid <i>(Uricase Colorimetric Enzymatic)</i>	2.86	mg/dL	3.4 - 7.0 mg/dL
Vitamin B-12 <i>(Electrochemiluminescence Assay)</i>	217.9	pg/ml	211-946 pg/ml
Vitamin D (25 OH) * <i>(Electrochemiluminescence Assay)</i>	18.02	ng/ml	Deficiency : ≤ 20 ng/ml Insufficiency : 21 - 29 ng/ml Normal : ≥ 30 ng/ml

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ORD/281122/1147

LAB/281122/485 Lab No : 2022175541 LSN : 937683 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:00:47 Arrival : 28/11/2022 13:51:47 Validation Time 28/11/2022 7:07:37PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	6.6	mg/dL	6 - 20 mg/dL

*** END OF REPORT ***

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ORD/281122/1147

LAB/281122/573 Lab No : 2022175626 LSN : 937683 (Urine) Sample Quality : Normal
 Collection Time : 28/11/2022 14:34:24 Arrival : 28/11/2022 14:34:24 Validation Time 28/11/2022 3:58:05PM

	<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	Occasional	/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/281122/1147

LAB/281122/860 Lab No : 2022175914 LSN : 937683 (SERUM) Sample Quality : Normal

Collection Time : 28/11/2022 13:10:28 Arrival : 28/11/2022 18:16:28 Validation Time 28/11/2022 8:54:14PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
P.P. Glucose (Hexokinase)	61.1	mg/dL	70 - 140 mg/dL

*** END OF REPORT ***

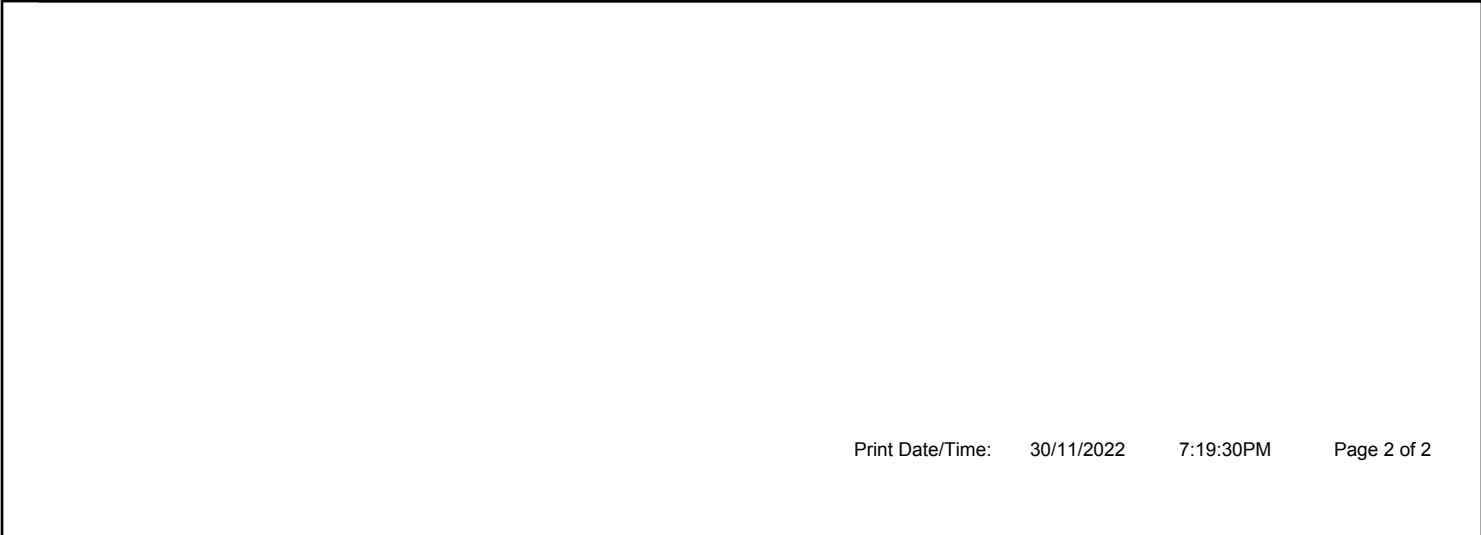
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ORD/281122/1147

ORD/281122/1147	Lab No : 2022175540	LSN : 937683	(SERUM)	Sample Quality : Normal
Collection :	28/11/2022 1:00:47PM	Arrival:	28/11/2022 13:54:03	Validation Time: 28/11/2022 16:25:47
<u>Lipid Profile (With Direct LDL)</u>				
Type of Sample	:	Fasting	.	
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	:	179	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>	:	128.8	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>	:	32.5	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>	:	126.8	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>	:	25.76	mg/dL	15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	:	5.51		Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	:	3.9		Less than 3.5
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