

Report



Patient Name : MR. RAVINDRA B PALAV
Age / Sex : 52 Yrs 2 M / Male
DOB : 2/7/1971
LCID No : 323081017
UID No : 93634

Reference : MEDIWHEEL
Organization : Mediwheel
Org ID : NA

Registered On : Aug 26, 2023, 07:56 a.m.
Collected On : Aug 26, 2023, 08:27 a.m.
Reported On : Aug 26, 2023, 11:01 a.m.



COMPLETE BLOOD COUNT (CBC) LC

Specimen Type : EDTA

Test Description	Value(s)	Unit(s)	Reference Range
HEMATOLOGY			
Haemoglobin (Mod.Cyanmethemoglobin)	15.3	gms%	13 - 17
R.B.C Count (Impedence)	5.21	x10 ⁶ /cmm	4.5 - 5.5
PCV (Conductivity)	45.1	%	40 - 50
MCV (Calculated)	86.56	fL	83 - 101
MCH(Calculated)	29.37	Pg	27 - 32
MCHC(Calculated)	33.92	gms%	31.5 - 34.5
W.B.C. Count(Impedence)	5.28	x10 ³ /cmm	4 - 10
RDW(Calculated)	13.2	%	11.6 - 14.0
MPV(Calculated)	10.7	fL	6 - 11
Platelet Count(Impedence)	2.34	x10 ⁵ /cmm	1.50 - 4.10
DIFFERENTIAL COUNT (Impedence,Light Absorbance)			
Neutrophils	51	%	40 - 80
Lymphocytes	34	%	20 - 40
Eosinophils	05	%	1 - 6
Monocytes	10	%	2 - 10
Basophils	0	%	0 - 2
RBC Morphology <i>Staining & Microscopy</i>	Normocytic normochromic.		
WBC Morphology <i>Staining & Microscopy</i>	Normal		
PLATELETS <i>Staining & Microscopy</i>	Adequate on smear.		
Other	-		

CBC done on fully Automated Yumizen H550

END OF REPORT



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Consultant Pathologist

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ERYTHROCYTE SEDIMENTATION RATE (E.S.R) LC

Specimen Type : EDTA

Test Description	Value(s)	Unit(s)	Reference Range
<u>HEMATOLOGY</u>			
E.S.R.	15	mm	0 - 15

By Whole Blood Modified Westergren Method

ESR done on fully automated Easyrate analyzer.

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Urine Routine LC

Specimen Type : Urine

Test Description	Value(s)	Unit(s)	Reference Range
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CLINICAL PATHOLOGY

Physical Examination

Quantity	20	ml	-
Colour <i>By Visual Examination</i>	Pale yellow		
Appearance	Slightly Hazy		
Specific Gravity <i>By Ion Concentration / Color Indicator</i>	1.010		1.000 - 1.035
Reaction (pH) <i>By Color Indicator</i>	6.0		5.0 - 8.0

Chemical Examination

Proteins <i>By Turbidometric Method</i>	Absent		Absent
Bile salts	Absent		Absent
Bile Pigments <i>By Diazo / Fouchets</i>	Absent		Absent
Occult Blood <i>By Oxidation / Microscopy</i>	Absent		Absent
Glucose <i>By Enzymatic, GOD, POD & Benedicts Test</i>	Absent		Absent
Ketones	Absent		Absent
Urobilinogen <i>By Diazo/p-amino Benzaldehyde react</i>	Normal		Normal

Microscopic Examination (per H.P.F.)

Epithelial Cells	0 - 1	/hpf	3 - 5
Leucocytes	0 - 1	/hpf	0 - 5
Red Blood Cells	Absent	/hpf	0 - 2
Casts	Absent		
Crystals	Absent		
Trichomonas vaginalis	Absent		
Yeast	Absent		
Spermatozoa <i>By Manual Microscopy</i>	Absent		

CHEMICAL EXAMINATION DONE BY MULTISTIX.SG (SIEMENS)

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DOB : 2/7/1971	Org ID : NA	Reported On : Aug 26, 2023, 12:02 p.m.
LCID No : 32308101701		
UID No : 93634		



Blood sugar fasting

Specimen Type : Plasma

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
Blood Sugar Fasting			
Glucose value <i>By Hexokinase method</i>	94	mg/dl	70 - 110

Diagnostic criteria of Diabetes Mellitus (ADA guidelines 2021)

Fasting Blood Glucose : ≥ 126 mg/dl

OR

2 Hr Post Glucose : ≥ 200 mg/dl

OR

HbA1c ≥ 6.5 %

OR

Random Blood Glucose : ≥ 200 mg/dl

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Dr. Vijay Varde
M.D.(Path) D.P.B
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Fasting urine sugar

Specimen Type : Blood

Test Description	Value(s)	Unit(s)	Reference Range
<u>CLINICAL PATHOLOGY</u>			
Fasting urine sugar <i>Urine dipstick method</i>	Absent		Absent

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Blood sugar post prandial

Specimen Type : Plasma

Test Description	Value(s)	Unit(s)	Reference Range
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BIOCHEMISTRY

Blood sugar post prandial <i>By Hexokinase method</i>	72	mg/dl	70 - 140
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Remark

Diagnostic criteria of Diabetes Mellitus (ADA guidelines 2021)

Fasting Blood Glucose : ≥ 126 mg/dl

OR

2 Hr Post Glucose : ≥ 200 mg/dl

OR

HbA1c ≥ 6.5 %

OR

Random Blood Glucose : ≥ 200 mg/dl

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Glycosylated HB A1c

Specimen Type : EDTA

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
Glycosylated HBA1C	5.8	%	
AVERAGE BLOOD GLUCOSE LEVEL	119.76	mg/dl	

Reference Values : Glyco HB A1c

Non Diabetic : 4.0 - 6.0

Good Diabetic Control : 6.0 - 7.0

Fair Diabetic Control : 7.0 - 8.0

Poor Diabetic Control : > 8.0

Maintaining HbA1c levels to less than 7% will reduce risk of long term complications of Diabetes.

Method : Ion Exchange HIGH Pressure Liquid Chromatography (HPLC), on Fully Automated Biorad D10 analyser.

INFORMATION : Glycosylated Haemoglobin accumulates within the red blood cells & exists in this form throughout the lifespan of red cells. Thus a single HbA1c value taken every 2 - 3 months serves over those months. The measurement of HbA1c has been used as an index of metabolic control of diabetes during the preceding 2 - 3 months providing physician with an objective look at patient's diabetes control. HbA1c is not affected by factors like intake of carbohydrates, timing of antidiabetes drugs, daily activities.

Test done on BIORAD D10.

This test has been performed at Lifecare Diagnostics & Research Centre Pvt. Ltd.

Diagnostic criteria of Diabetes Mellitus (ADA guidelines 2021)

Fasting Blood Glucose : ≥ 126 mg/dl

OR

2 Hr Post Glucose : ≥ 200 mg/dl

OR

HbA1c ≥ 6.5 %

OR

Random Blood Glucose : ≥ 200 mg/dl

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Reported On : Aug 26, 2023, 02:02 p.m.



LIPID PROFILE LC

Specimen Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
BIOCHEMISTRY			
Triglycerides <i>By Enzymatic GPO/PAP Method</i>	77	mg/dl	Less than 150
Total Cholesterol <i>By CHOD-PAP Method</i>	221	mg/dl	UPTO 200
HDL Cholesterol <i>By Enzymatic Method</i>	51	mg/dl	40 - 60
VLDL Cholesterol	15.4	mg/dl	6 - 38
LDL Cholesterol	154.6	mg/dl	Upto 100
Cholesterol : HDL Cholesterol Ratio	4.33		Upto - 5
LDL Cholesterol/HDL Cholesterol Ratio	3.03		Upto 4

Total Cholesterol :	HDL-Cholesterol:
<i>Desirable : Less than 200 mg%</i> <i>Borderline High : 200 - 239 mg% High : More than 239 mg%</i>	<i>Desirable : More than 40 mg%</i> <i>Low : Less than 40 mg%</i>
LDL-Cholesterol (Non-protective cholesterol) :	Triglycerides :
<i>Optimal : Less than 100 mg% NearOptimal : 100 - 129 mg%</i> <i>Borderline High : 130 - 159 mg%</i> <i>High : 160 - 189 mg%</i> <i>Very High : More than 189 mg%</i>	<i>Normal : Less than 150 mg%</i> <i>Borderline : 150 - 199 mg%</i> <i>High : 200 - 499 mg%</i> <i>Very High : More than 499 mg%</i>

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Lifecare
diagnostics

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Renal Function Test

Specimen Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
<u>BIOCHEMISTRY</u>			
Urea <i>ByUrease Method</i>	30.82	mg/dl	10 - 38.5
BUN <i>BySerum By Urease with GLDH</i>	14.4	mg/dl	5 - 18
Creatinine <i>ByAlkaline Picrate-Kinetic</i>	1.26	mg/dl	0.7 - 1.3
Uric Acid <i>BySerum by Uricase Method</i>	5.6	mg/dl	2.6 - 6.0
Calcium <i>BySerum Cresolphthaleine complexona Method</i>	9.0	mg/dl	8.5 - 10.1
Phosphorus <i>ByPhosphomolybdate - UV Method</i>	4.0	mg/dl	2.5 - 4.9
Sodium <i>BySerum By ISE Method</i>	138	mEq/L	135 - 145
Potassium <i>BySerum by ISE Method</i>	4.1	mEq/l	3.5 - 5.5
Chloride <i>BySerum by ISE Method</i>	108	mEq/L	96 - 109
Proteins <i>ByBiuret Method</i>	7.8	g/dl	6.4 - 8.2
Albumin <i>ByBromocresol purple Method</i>	4.0	g/dl	3.4 - 5
Globulin	3.8	g/dl	1.8 - 3.6
A/G Ratio	1.05		1.5 - 3.5

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LIVER FUNCTION TEST (LFT) LC

Specimen Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
<u>BIOCHEMISTRY</u>			
Serum Bilirubin (Total) <i>ByDiazo Method</i>	1.13	mg/dl	0.2 - 1.0
Serum Bilirubin (Direct) <i>ByDiazo Method</i>	0.22	mg/dl	0.0 - 0.2
Serum Bilirubin (Indirect) <i>Calculated</i>	0.91	mg/dl	upto 0.90
S.G.O.T (AST) <i>BySerum By Enzymatic Method IFCC</i>	22	U/L	15 - 37
S.G.P.T <i>BySerum by Enzymatic Method</i>	30	U/L	16 - 63
Serum GGTP <i>ByEnzymatic Method</i>	34	U/L	15 - 85
Alkaline Phosphatase	47	U/L	46-116
Serum Proteins <i>ByBiuret Method</i>	7.8	g/dl	6.4 - 8.2
S. Albumin <i>ByBromocresol purple Method</i>	4.0	g/dl	3.4 - 5.0
Serum Globulin	3.8	gm/dl	1.8 - 3.6
A/G Ratio	1.05		1.5 - 3.5
Remark			

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PSA (Total)

Specimen Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
<u>IMMUNOASSAY</u>			
PSA - Prostate Specific Antigen, serum <i>by CMA</i>	0.584	ng/ml	0.0 - 4.0

Test done on Abbott Architech i1000

END OF REPORT



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