

LABORATORY REPORT

PATIENT INFORMATION	REFERRED BY	SPECIMEN INFORMATION	
MR HARINDAM VISHWAS S.O GURU DAS VISHWAS .	DR. GENERAL MEDICAL OFFICER	SAMPLE TYPE : Whole Blood - EDTA	
AGE : 43Y 0M 0D	LAB MR# : AMCT00022636	LAB ORDER NO : VMCT23020132	
GENDER : Male	HMIS MR# : AM-2-76379	COLLECTED ON : 23/Mar/2023 11:29	
PRIORITY : Routine	Ward / Room/ Bed No. : -----	RECEIVED ON : 23/Mar/2023 11:58	
		REPORT STATUS : Final Report	
		APPROVED ON : 23/Mar/2023 12:41	

HAEMATOLOGY

Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
Mediwheel Full Body Health Checkup Male				

Complete Blood Counts

(Automated Hematology Analyzer & Microscopy)

Total Leukocyte Count	7.5		10 ³ /μl	4.0 - 11.0
RBC Count	5.4		10 ⁶ /μL	4.5 - 5.5
Hemoglobin	15.5		g/dL	13.0 - 17.0
Hematocrit	46.8		%	40 - 50
MCV(Mean Corpuscular Volume)	87.3		fL	83 - 101
MCH(Mean Corpuscular Hemoglobin)	29.0		pg	27 - 32
MCHC(Mean Corpuscular Hemoglobin Concentration)	33.2		g/dL	31.5 - 34.5
RDW	13.4		%	11.6 - 14
Platelet Count	174		10 ³ /μl	150 - 410

Platelets cross checked manually and confirmed.

MPV	12.5	H	fL	7.5 - 11.5
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Differential Counts % (VCSN)

Neutrophils	71.0		%	40-80%
Lymphocytes	20.0		%	20-40%
Monocytes	7.0		%	2-10%
Eosinophils	2.0		%	1-6%
Basophils	0.0		%	0-1%

Differential Counts, Absolute

Absolute Neutrophil Count	5.33		10 ³ /μl	2.0-7.0
Absolute Lymphocyte Count	1.50		10 ³ /μl	1.0-3.0
Absolute Monocyte Count	0.53		10 ³ /μl	0.2 - 1.0
Absolute Eosinophil Count (AEC)	0.15		10 ³ /μl	0.02-0.5
Absolute Basophil Count	0.00		10 ³ /μl	0.02 - 0.1

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DR. GENERAL MEDICAL OFFICER

LAB MR# : AMCT00022636

HMIS MR# : AM-2-76379

Ward / Room/ Bed No.

SPECIMEN INFORMATION

SAMPLE TYPE : WB/Plasma-Citrate(3.2%/3.8%)

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APPROVED ON : 23/Mar/2023 13:25



HAEMATOLOGY

Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
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Mediwheel Full Body Health Checkup Male

Erythrocyte Sedimentation Rate (ESR)

Westergren`s Method(Manual)

Westergrens Method (Modified Westergren`s)	10		mm/h	0 - 10
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REFERRED BY

DR. GENERAL MEDICAL OFFICER

LAB MR# : AMCT00022636

HMIS MR# : AM-2-76379

Ward / Room/ Bed No.

SPECIMEN INFORMATION

SAMPLE TYPE : Urine
LAB ORDER NO : VMCT23020132
COLLECTED ON : 23/Mar/2023 11:29
RECEIVED ON : 23/Mar/2023 12:41
REPORT STATUS : Final Report
APPROVED ON : 23/Mar/2023 12:42



CLINICAL PATHOLOGY

Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
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Mediwheel Full Body Health Checkup Male

Urine Examination - Routine & Microscopy (CUE)

PHYSICAL EXAMINATION:

Volume	25.00		mL	
Colour	PALE YELLOW			Pale
Appearance	Clear			Clear



CHEMICAL EXAMINATION:

pH (Dip stick)	7.00			4.8 - 7.4
Specific Gravity (Dip Stick(Bromothymol blue))	1.005	L		1.010 - 1.022
Protein (Dip Stick/ Sulfosalicylic acid)	NEGATIVE			Negative
Glucose (Dip Stick /Benedicts test)	NEGATIVE			Negative
Ketones (Dip stick)	NEGATIVE			Negative
Urobilinogen (Dip Stick / Ehrlich reaction)	NEGATIVE			Normal
Nitrite (Dip Stick / (Griess test))	NEGATIVE			Negative
Bilirubin (Dipstick/diazo)	NEGATIVE			Negative
Blood (Dip Stick (Peroxidase))	NEGATIVE			Negative

MICROSCOPIC EXAMINATION:

Pus Cells	0 - 1		/HPF	0 - 10
Epithelial Cells	NIL		/HPF	< 20
RBCs	NIL		/HPF	0 - 5
Casts	Absent		/LPF	Absent
Crystals	Absent		/HPF	Absent

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HAEMATOLOGY

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Mediwheel Full Body Health Checkup Male				

Blood Grouping and Typing (ABO and Rh) - Tube agglutination

Tube agglutination(Forward & Reverse Grouping)

ABO GROUP	B
Rh Type	D Positive

Interpretation:

1. If Rh is Du positive it is best considered as D negative as recipient and D positive as donor. However repeat evaluation is recommended for confirmation. Proper Cross matching is recommended before transfusion.
2. In case of forward and reverse grouping discrepancy, clinical correlation and repeat sample analysis is recommended.
3. For Infants below 6 months only forward grouping is performed.
4. A sub-grouping is recommended after the age of 6 months.

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SPECIMEN INFORMATION

SAMPLE TYPE : Fluoride Plasma
- F

LAB ORDER NO : VMCT23020132

COLLECTED ON : 23/Mar/2023 11:29

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REPORT STATUS : Final Report

APPROVED ON : 23/Mar/2023 12:51



BIOCHEMISTRY

Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
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Mediwheel Full Body Health Checkup Male

Glucose - Fasting

Glucose - Fasting (Hexokinase)	104.0	H	mg/dL	Normal : 74-100 Pre-diabetic : 100-125 Diabetic: >=126
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HMIS MR# : AM-2-76379

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SPECIMEN INFORMATION

SAMPLE TYPE : Urine
LAB ORDER NO : VMCT23020132
COLLECTED ON : 23/Mar/2023 11:29
RECEIVED ON : 23/Mar/2023 12:57
REPORT STATUS : Final Report
APPROVED ON : 23/Mar/2023 15:10



BIOCHEMISTRY



Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
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Mediwheel Full Body Health Checkup Male

Glucose-Urine

Glucose-Urine	Negative			
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PRIORITY : Routine	Ward / Room/ Bed No. : -----	RECEIVED ON : 23/Mar/2023 12:56	
		REPORT STATUS : Final Report	
		APPROVED ON : 23/Mar/2023 13:59	

BIOCHEMISTRY

Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
Mediwheel Full Body Health Checkup Male				
HbA1c - Glycated Hemoglobin				
Glycated Hemoglobin, HbA1c (TINIA)	5.40		%	Non diabetic range: 4.8-5.6% Prediabetic range: 5.7-6.4% Diabetes range: >=6.5%
Estimated Average Glucose	108.3		mg/dL	

Interpretation:

Note: HbA1c results may vary in situations of abnormal red cell turnover, such as pregnancy, recent blood loss or transfusion, or some anemias. In such cases only blood glucose criteria should be used to diagnose diabetes (ADA, 2014). Please correlate clinically.

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BIOCHEMISTRY

Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
Mediwheel Full Body Health Checkup Male				
Cholesterol - LDL				
Cholesterol - LDL (Direct) (Enzymatic colorimetry)	117.0	H	mg/dL	Optimum :<100 Above optimum :<130 Moderate risk :130-159 High risk :>160

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Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
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Mediwheel Full Body Health Checkup Male

VLDL (Very Low Density Lipoprotein)

VLDL (Very Low Density Lipoprotein) (Calculation)	35.8	H	mg/dL	<30
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LDL/HDL Ratio

LDL/HDL Ratio	4.50			
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Mediwheel Full Body Health Checkup Male



Cholestrol/HDL Ratio

Cho/HDL Ratio (Calculation)	6.81	H		Normal : <4.0 Low risk : 4.0-6.0 High risk : >6.0
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Uric acid

Uric acid (Uricase)	5.1		mg/dL	3.4-7
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Mediwheel Full Body Health Checkup Male				
BUN/Creatinine Ratio				
Blood Urea Nitrogen (BUN) (Calculation)	5.61	L	mg/dL	8.8-20.5
Creatinine	0.90		mg/dL	< 1.20
BUN/Creatinine Ratio (Calculation)	6.23			10:1 to 20:1

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Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
Mediwheel Full Body Health Checkup Male				
Protein Total, Serum				
Protein Total, Serum (Biuret Method)	7.7		g/dL	6.4-8.3
Bilirubin (Total, Direct and Indirect)				
Bilirubin Total (Diazo method)	1.20	H	mg/dL	<1.1
Bilirubin Conjugated (Diazo method)	0.40	H	mg/dL	<=0.2
Bilirubin Unconjugated, Indirect (Calculation)	0.80		mg/dL	<1.0
Alkaline Phosphatase - ALP				
Alkaline Phosphatase - ALP (IFCC kinetic)	138.0	H	U/L	<129
Albumin - Serum				
Albumin - Serum (Bromocresol green)	4.7		g/dL	3.5 - 5.2

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Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
Mediwheel Full Body Health Checkup Male				
Globulin				
Globulin (Calculation)	3.0		g/dL	2.3-3.5
A/G (Albumin/Globulin) Ratio				
A/G (Albumin/Globulin) Ratio (Calculation)	1.6			0.8-2.0

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Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
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Mediwheel Full Body Health Checkup Male

Gamma Glutamyl Transferase (GGT)

Gamma Glutamyl Transferase (GGT) (Enzymatic colorimetric assay)	47.0		U/L	< 71
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Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
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Mediwheel Full Body Health Checkup Male

PSA Total (Prostatic Specific Antigen, Total)

PSA Total (ECLIA)	0.40		ng/mL	<2.0
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Interpretation:

PSA is a protein produced by prostate gland in males. PSA test is used primarily to screen for prostate cancer. PSA aids in early detection of prostate cancer follow up and management of prostate cancer patient during treatment & after surgery. Elevated levels are seen in benign prostatic hyperplasia, prostatitis ,genitourinary infection

----- End Of Report -----

Avneet Boparai

Dr.Avneet Boparai
Consultant-Pathologist

Disclaimer:

- All results released pertain to the specimen as received by the lab for testing and under the assumption that the patient indicated or identified on the bill/test requisition form is the owner of the specimen.
- Clinical details and consent forms, especially in Genetic testing, histopathology, as well as wherever applicable, are mandatory to be accompanied with the test requisition form. The non-availability of such information may lead to delay in reporting as well as misinterpretation of test results. The lab will not be responsible for any such delays or misinterpretations thereof.
- Test results are dependent on the quality of the sample received by the lab. In case the samples are preprocessed elsewhere (e.g., paraffin blocks), results may be compromised.
- Tests are performed as per the schedule given in the test listing and in any unforeseen circumstances, report delivery may be affected.
- Test results may show inter-laboratory as well as intra-laboratory variations as per the acceptable norms.
- Genetic reports as well as reports of other tests should be correlated with clinical details and other available test reports by a qualified medical practitioner. Genetic counselling is advised in genetic test reports by a qualified genetic counsellor, medical practitioner or both.
- Samples will be discarded post processing after a specified period as per the laboratory's retention policy. Kindly get in touch with the lab for more information.
- If accidental damage, loss, or destruction of the specimen is not attributable to any direct or negligent act or omission on the part of Ampath Labs or its employees, Ampath shall in no event be liable. Ampath lab's liability for a lack of services, or other mistakes and omissions, shall be restricted to the amount of the patient's payment for the pertinent laboratory services.