

Client
Jeevan Jyoti HLM
Pathkind Diagnostics Pvt. Ltd.
162, Lowther Road, Bai Ka Bagh, Prayagraj

Processed By
Pathkind Diagnostics Pvt. Ltd.
162, Lowther Road, Bai Ka Bagh, Prayagraj
Uttar Pradesh-211003

Name : Mr. PIYUSH KUMAR REG 313965	Billing Date	: 10/12/2022 11:47:01
Age : 33 Yrs	Sample Collected on	: 10/12/2022 14:00:04
Sex : Male	Sample Received on	: 10/12/2022 14:13:38
P. ID No. : P1212100007072	Report Released on	: 10/12/2022 14:46:27
Accession No : 121222027104	Barcode No.	: 1201066551
Referring Doctor : SELF		
Referred By :	Ref no.	:

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
<u>HAEMATOLOGY</u>			
Complete Blood Count (CBC)			
Haemoglobin (Hb) <i>Sample: Whole Blood EDTA</i> <i>Method: Photometric measurement</i>	14.4	13.0 - 17.0	gm/dL
Total WBC Count / TLC <i>Sample: Whole Blood EDTA</i> <i>Method: Impedance</i>	5.2	4.0 - 10.0	thou/ μ L
RBC Count <i>Sample: Whole Blood EDTA</i> <i>Method: Impedance</i>	5.1	4.5 - 5.5	million/ μ L
PCV / Hematocrit <i>Sample: Whole Blood EDTA</i> <i>Method: Impedance</i>	50.5 H	40.0 - 50.0	%
MCV <i>Sample: Whole Blood EDTA</i> <i>Method: Calculated</i>	98.7	83.0 - 101.0	fL
MCH <i>Sample: Whole Blood EDTA</i> <i>Method: Calculated</i>	28.3	27.0 - 32.0	pg
MCHC <i>Sample: Whole Blood EDTA</i> <i>Method: Calculated</i>	28.6 L	31.5 - 34.5	g/dL
RDW (Red Cell Distribution Width) <i>Sample: Whole Blood EDTA</i> <i>Method: Calculated</i>	11.0 L	11.8 - 15.6	%
<u>DLC (Differential Leucocyte Count)</u> <i>Method: Flowcytometry/Microscopy</i>			
Neutrophils <i>Sample: Whole Blood EDTA</i> <i>Method: VCS Technology & Microscopy</i>	60	40 - 80	%

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Lymphocytes <i>Sample: Whole Blood EDTA</i> <i>Method: VCS Technology & Microscopy</i>	29	20 - 40	%
Eosinophils <i>Sample: Whole Blood EDTA</i> <i>Method: VCS Technology & Microscopy</i>	06	01 - 06	%
Monocytes <i>Sample: Whole Blood EDTA</i> <i>Method: VCS Technology & Microscopy</i>	05	02 - 10	%
Basophils <i>Sample: Whole Blood EDTA</i> <i>Method: VCS Technology & Microscopy</i>	00	00 - 02	%
Absolute Neutrophil Count <i>Sample: Whole Blood EDTA</i>	3120	2000 - 7000	/ μ L
Absolute Lymphocyte Count <i>Sample: Whole Blood EDTA</i>	1508	1000 - 3000	/ μ L
Absolute Eosinophil Count <i>Sample: Whole Blood EDTA</i>	312	20 - 500	/ μ L
Absolute Monocyte Count <i>Sample: Whole Blood EDTA</i>	260	200 - 1000	/ μ L
Absolute Basophil Count <i>Sample: Whole Blood EDTA</i>	00 L	20 - 100	/ μ L
DLC Performed By <i>Sample: Whole Blood EDTA</i>	EDTA Smear		
Platelet Count <i>Sample: Whole Blood EDTA</i> <i>Method: Impedance</i>	452 H	150 - 410	thou/ μ L
MPV (Mean Platelet Volume) <i>Sample: Whole Blood EDTA</i> <i>Method: Calculated</i>	13.3 H	6.8 - 10.9	fL

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Sample: Whole Blood EDTA
Erythrocyte Sedimentation Rate (ESR) 08 <10 mm 1st Hour
Sample: Whole Blood EDTA
Method: Modified Westergren Method

Blood Group

Blood Grouping " O "
Sample: Whole Blood EDTA

Rh (D) Typing Positive
Sample: Whole Blood EDTA

BIOCHEMISTRY

HbA1C (Glycosylated Hemoglobin)

HbA1c 5.4 Non Diabetic : < 5.7 %
Sample: Whole Blood EDTA Prediabetic Range : 5.7 - 6.4 %
Method: Turbidimetric inhibition immunoassay Diabetic Range : >= 6.5 %
Goal of Therapy : <7.0 %
Action suggested : >8.0 %

Mean Plasma Glucose 108.3 <116.0 mg/dL
Sample: Whole Blood EDTA
Method: Calculated

Fasting Plasma Glucose 79 74 - 106 mg/dl
Sample: Fluoride Plasma - F

Glucose Post-Prandial 157 H 70 - 140 mg/dl
Sample: Fluoride Plasma - PP
Method: Hexokinase

Thyroid Profile Total

Total T3 (Triiodothyronine) 1.53 0.80 - 2.00 ng/mL
Sample: Serum
Method: ECLIA

Total T4 (Thyroxine) 7.88 5.10 - 14.10 µg/dL
Sample: Serum
Method: ECLIA

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Test Name	Result	Biological Ref. Interval	Unit
TSH 3rd Generation <i>Sample: Serum</i> <i>Method: ECLIA</i>	2.780	0.270 - 4.200	μIU/mL

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Liver Function Test (LFT)			
Bilirubin Total <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	0.3	<1.1	mg/dL
Bilirubin Direct <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	0.1	<0.2	mg/dL
Serum Bilirubin (Indirect) <i>Sample: Serum</i> <i>Method: Calculated</i>	0.20	<0.90	mg/dL
SGOT / AST <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	49 H	<37	U/L
SGPT / ALT <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	89 H	<41	U/L
AST / ALT Ratio <i>Sample: Serum</i> <i>Method: Calculated</i>	0.55		
Alkaline Phosphatase (ALP) <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	98	<128	U/L
Total Protein <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	7.6	6.4 - 8.3	g/dL
Albumin <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	4.9	4.0 - 4.9	g/dL
Globulin <i>Sample: Serum</i> <i>Method: Calculated</i>	2.7	1.9 - 3.7	g/dL
Albumin/Globulin (A/G) Ratio <i>Sample: Serum</i> <i>Method: Calculated</i>	1.8	1.0 - 2.1	g/dL

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Lipid Profile			
Total Cholesterol <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	175	No risk : < 200 Moderate risk : 200–239 High risk : =240	mg/dL
Triglycerides <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	99	Desirable : < 150 Borderline High : 150 - 199 High : 200 - 499 Very High : >= 500	mg/dL
LDL Cholesterol (Calculated) <i>Sample: Serum</i> <i>Method: Calculated</i>	110 H	Optimal : <100 Near Optimal : 100 - 129 Borderline High : 130 - 160 High : 161 - 189 Very High : >=190	mg/dL
HDL Cholesterol <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	45	Low : < 40 Optimal : 40 - 60 High : > 60	mg/dL
Non HDL Cholesterol <i>Sample: Serum</i>	130	< 130	mg/dL
VLDL Cholesterol <i>Sample: Serum</i> <i>Method: Calculated</i>	19.8	Desirable 10 - 35	mg/dL
Total Cholesterol / HDL Ratio <i>Sample: Serum</i> <i>Method: Calculated</i>	3.89	Low Risk : 3.3 - 4.4 Average Risk : 4.5 - 7.0 Moderate Risk : 7.1 - 11.0 High Risk : > 11.0	
LDL / HDL Ratio <i>Sample: Serum</i> <i>Method: Calculated</i>	2.4	0.5 - 3.0 Low Risk : 0.5 - 3.0 Moderate Risk : 3.1 - 6.0 High Risk : > 6.0	

Kidney Profile (KFT)

Blood Urea

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Test Name	Result	Biological Ref. Interval	Unit
Blood Urea Nitrogen (BUN) <i>Sample: Serum</i> <i>Method: Spectrophotometry-Urease / GLDH</i>	6.92 L	8.87 - 20.50	mg/dL
Urea <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	14.81 L	17.00 - 43.00	mg/dL
Creatinine <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	0.57 L	0.70 - 1.30	mg/dL
BUN Creatinine Ratio <i>Sample: Serum</i> <i>Method: Calculated</i>	12	10 - 20	
Calcium <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	9.8	8.6 - 10.0	mg/dL
Uric Acid <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	5.7	3.4 - 7.0	mg/dL
Total Protein <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	7.6	6.4 - 8.3	g/dL
Albumin <i>Sample: Serum</i> <i>Method: Spectrophotometry</i>	4.9	4.0 - 4.9	g/dL
Globulin <i>Sample: Serum</i> <i>Method: Calculated</i>	2.7	1.9 - 3.7	g/dL
Albumin/Globulin (A/G) Ratio <i>Sample: Serum</i> <i>Method: Calculated</i>	1.8	1.0 - 2.1	g/dL

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CLINICAL PATHOLOGY

Urine Routine & Microscopic Examination

Method: Reflectance Photometry

Physical Examination

Colour

Sample: Urine

Method: Physical Examination

Pale Yellow

Pale Yellow

Appearance

Sample: Urine

Method: Physical Examination

Slightly Hazy

Clear

Specific Gravity

Sample: Urine

Method: pKa change of pretreated polyelectrolytes

1.010

1.003 - 1.035

pH

Sample: Urine

Method: Double indicator principle

8.0 H

4.7 - 7.5

Chemical Examination

Glucose

Sample: Urine

Method: Glucose oxidase/peroxidase

Not Detected

Not Detected

Protein

Sample: Urine

Method: Protein-error-of-indicators principle

Not Detected

Not Detected

Ketones

Sample: Urine

Method: Sodium nitroprusside reaction

Not Detected

Not Detected

Blood

Sample: Urine

Method: Peroxidase

Not Detected

Not Detected

Bilirubin

Sample: Urine

Method: Diazo reaction

Not Detected

Not Detected

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Urobilinogen <i>Sample: Urine</i> <i>Method: Ehrlich's reaction</i>	Normal	Normal	
Nitrite <i>Sample: Urine</i> <i>Method: Nitrite Test</i>	Not Detected	Not Detected	
Microscopic Examination <i>Method: Microscopy</i>			
Pus Cells <i>Sample: Urine</i>	2 - 3	0 - 5	/hpf
RBC <i>Sample: Urine</i>	Not Detected	Not Detected	/hpf
Epithelial Cells <i>Sample: Urine</i>	2 - 3	0 - 5	/hpf
Casts <i>Sample: Urine</i>	Not Detected	Not Detected	/hpf
Crystals <i>Sample: Urine</i>	Not Detected	Not Detected	/hpf
Bacteria <i>Sample: Urine</i>	Not Detected	Not Detected	/hpf
Remarks <i>Sample: Urine</i>			

Remarks : Microscopic Examination is performed on urine sediment

BIOCHEMISTRY

Electrolytes (Na/K/Cl)

Sodium <i>Sample: Serum</i> <i>Method: ISE</i>	139	136 - 145	mmol/L
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Potassium <i>Sample: Serum</i> <i>Method: ISE</i>	4.3	3.5 - 5.1	mmol/L
Chloride <i>Sample: Serum</i> <i>Method: ISE</i>	108 H	97 - 107	mmol/L

**** End of Report******Dr. Ankit Singh**

MBBS, MD (Pathologist)

Lab Head

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