

Booked For  
CGHS Arpit Hospital Limited Unit of Jeevan Jyoti Hospital, 163,  
Lowther Road, Bai Ka Bagh, Prayagraj, UP- 211003, - 211003  
Contact No. -9532988809

Processed By  
Jeevan Jyoti HLM, Pathkind Diagnostics Pvt. Ltd., 162,  
Lowther Road, Bai Ka Bagh, Prayagraj, Uttar Pradesh-211003,  
- 211003  
Contact No. -7500075111

<b>Name</b>	: Mr. ANIL KUMAR YADAV REG 333037 OPD	Billing Date	: 13/04/2024 09:54:50 AM
Age/Gender	: 38 Yrs/Male	Sample Collected on	: 13/04/2024 10:51:28 AM
P. ID No.	: 12122024413571	Sample Received on	: 13/04/2024 10:52:42 AM
<b>Accession No</b>	: <b>121220244130021</b>	Report Released on	: 13/04/2024 11:29:14 AM
Referring Doctor	: SELF		
Referred By	:		

**Report Status -Preliminary**

Test Name	Result	Biological Ref. Interval	Unit
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**KIDNEY PROFILE**

**BIOCHEMISTRY**

<b>Blood Urea Nitrogen</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	<b>6.86 L</b>	8.87 - 20.50	mg/dL
<b>Blood Urea</b> <i>Sample : Serum</i> <i>Method : Urease /GLDH</i>	<b>14.67 L</b>	19.00 - 44.00	mg/dL
<b>Creatinine</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	0.72	0.70 - 1.30	mg/dL
<b>BUN Creatinine Ratio</b> <i>Sample : Serum</i> <i>Method : Calculated</i>	<b>9.52 L</b>	10.00 - 20.00	Ratio
<b>Total Protein</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	8.11	6.40 - 8.30	gm/dL
<b>Uric Acid</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	6.51	3.40 - 7.00	mg/dL
<b>Sodium</b> <i>Sample : Serum</i> <i>Method : ISE</i>	138.30	136.00 - 145.00	mmol/L
<b>Potassium</b>	4.63	3.50 - 5.10	mmol/L



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<i>Sample : Serum</i> <i>Method : ISE</i>			
<b>Chloride</b> <i>Sample : Serum</i> <i>Method : ISE</i>	<b>109.00 H</b>	98.00 - 107.00	mmol/L
<b>Albumin</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	<b>5.19 H</b>	3.97 - 4.94	gm/dL
<b>Globulin</b> <i>Sample : Serum</i> <i>Method : Calculated</i>	2.92	1.90 - 3.70	gm/dL
<b>Albumin Globulin A/G Ratio</b> <i>Sample : Serum</i> <i>Method : Calculated</i>	1.78	1.00 - 2.10	Ratio

**CLINICAL PATHOLOGY****Urine Routine & Microscopic Examination**

*Sample : Urine, Random*

<b>Colour, Urine</b> <i>Method : VisualExamination</i>	<b>YELLOW</b>	Pale Yellow	---
<b>Appearance</b> <i>Method : VisualExamination</i>	Clear	Clear	---
<b>Specific Gravity</b> <i>Method : Ionic concentration method</i>	1.010	1.00 - 1.04	---
<b>pH</b> <i>Method : Double indicator principle</i>	5.00	4.70 - 7.50	---



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<b>Glucose</b> Method : Benedict's Method	Not Detected	Not Detected	---
<b>Protein</b> Method : Protein-Error of indicator Principal	Not Detected	Not Detected	---
<b>Ketones</b> Method : Rothera's Method	Not Detected	Not Detected	---
<b>Blood</b> Method : Peroxidase	Not Detected	Not Detected	---
<b>Bilirubin</b> Method : Diazo-Reaction / Fouchets Test	Not Detected	Not Detected	---
<b>Urobilinogen</b> Method : Ehrlich's Reaction	Normal	Normal	---
<b>Nitrite</b> Method : Nitrite Test	Not Detected	Not Detected	---
<b>Pus Cells</b> Method : Microscopy	1-2	0-5	/hpf
<b>RBC</b> Method : Microscopy	Not Detected	Not Detected	/hpf
<b>Epithelial Cells</b> Method : Microscopy	1-2	0-5	/hpf
<b>Casts</b> Method : Microscopy	Not Detected	Not Detected	---
<b>Crystals</b> Method : Microscopy	Not Detected	Not Detected	---
<b>Bacteria</b> Method : Microscopy	Not Detected	Not Detected	---
<b>Remarks</b> Method : Manual	Microscopic examination has been performed on urine sediment.		



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**HAEMATOLOGY**

**Blood Group**

Sample : Whole Blood, EDTA

**Blood Grouping**

**O**

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Method : Slide and tube agglutination

**Rh (D) Typing**

**Positive**

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Method : Forward/Reverse by tube agglutination

**Complete Blood Count (CBC)**

Sample : Whole Blood, EDTA

**Haemoglobin (Hb)**

15.40

13.00 - 17.00

gm/dL

Method : Photometric

**Total WBC Count / TLC**

5.40

4.00 - 10.00

thou/ $\mu$ L

Method : Impedance

**RBC Count**

5.31

4.50 - 5.50

million/ $\mu$ L

Method : Impedance

**PCV / Hematocrit**

47.50

40.00 - 50.00

%

Method : Impedance

**MCV**

89.50

83.00 - 101.00

fL

Method : Calculated

**MCH**

29.00

27.00 - 32.00

pg

Method : Calculated

**MCHC**

32.50

31.50 - 34.50

gm/dL

Method : Calculated

**RDW (Red Cell Distribution Width)**

15.50

11.80 - 15.60

%

Method : Calculated

**Neutrophils**

56.00

40.00 - 80.00

%

Method : VCS Technology & Microscopy



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Test Name	Result	Biological Ref. Interval	Unit
<b>Lymphocytes</b> <i>Method : VCS Technology &amp; Microscopy</i>	38.00	20.00 - 40.00	%
<b>Eosinophils</b> <i>Method : VCS Technology &amp; Microscopy</i>	2.00	1.00 - 6.00	%
<b>Monocytes</b> <i>Method : VCS Technology &amp; Microscopy</i>	4.00	2.00 - 10.00	%
<b>Basophils</b> <i>Method : VCS Technology &amp; Microscopy</i>	0.00	0.00 - 2.00	%
<b>Absolute Neutrophil Count (ANC)</b> <i>Method : Calculated</i>	3024.00	2000.00 - 7000.00	/µL
<b>Absolute Lymphocyte Count</b> <i>Method : Calculated</i>	2052.00	1000.00 - 3000.00	/µL
<b>Absolute Eosinophil Count (AEC)</b> <i>Method : Calculated</i>	108.00	20.00 - 500.00	/µL
<b>Absolute Monocyte Count</b> <i>Method : Calculated</i>	216.00	200.00 - 1000.00	/µL
<b>Absolute Basophil Count</b> <i>Method : Calculated</i>	<b>0.00 L</b>	20.00 - 100.00	/µL
<b>Platelet Count</b> <i>Method : Impedance</i>	205.00	150.00 - 410.00	thou/µL
<b>MPV (Mean Platelet Volume)</b> <i>Method : Calculated</i>	<b>11.80 H</b>	6.80 - 10.90	fL
<b>Erythrocyte Sedimentation Rate (ESR)</b> <i>Sample : Whole Blood, EDTA</i> <i>Method : Modified Westergren Method</i>	<b>14.00 H</b>	0.00 - 10.00	mm Ist Hour
<b>HbA1C (Glycosylated Hemoglobin)</b> <i>Sample : Whole Blood, EDTA</i>	<b>6.02 H</b>	3.90 - 5.60	%



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Method : Immunoassay & Reflectometry

<b>Mean Plasma Glucose</b>	<b>126.07 H</b>	0.00 - 116.00	mg/dL
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Method : Calculated

**BIOCHEMISTRY****Fasting Plasma Glucose**

Sample : Plasma Fluoride - Fasting  
Method : Hexokinase

<b>Plasma Glucose, Fasting</b>	<b>118.12 H</b>	Normal : 74 - 99 Impaired Fasting Glucose : 100 - 125 Diabetes : > 126	mg/dL
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**FT3 (Free Triiodothyronine 3)**

Sample : Serum  
Method : ECLIA

	3.56	2.00 - 4.40	pg/mL
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**FT4 (Free Thyroxine 4)**

Sample : Serum  
Method : ECLIA

	1.34	0.93 - 1.70	ng/dL
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**Lipid Profile**

Sample : Serum

**Total Cholesterol**

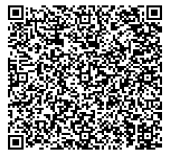
Method : Spectrophotometry

	<b>281.95 H</b>	No Risk : < 200 Moderate Risk : 200 - 239 High Risk : > 240	mg/dL
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**Triglycerides**

Method : GPO-PAP

	<b>388.96 H</b>	Desirable : < 150 Boderline High : 150 - 199 High : 200 - 499	mg/dL
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Test Name	Result	Biological Ref. Interval	Unit
<b>LDL Cholesterol (Calculated)</b> <i>Method : Calculated</i>	<b>167.78 H</b>	Very High : $\geq$ 500 0.00 - 100.00	mg/dL
<b>HDL Cholesterol</b> <i>Method : enzymatic colorimetric test Gen.2</i>	36.38	Low : $<$ 40 Optimal : 40 - 60 High $>$ 60	mg/dL
<b>VLDL Cholesterol</b> <i>Method : Calculated</i>	<b>77.79 H</b>	Desirable : 10 - 35	mg/dL
<b>Total Cholesterol / HDL Ratio</b> <i>Method : Calculated</i>	<b>7.75 H</b>	Low Risk : 3.3 - 4.4 Average Risk : 4.5 - 7.0 Moderate Risk : 7.1 - 11.0 High Risk : $>$ 11.0	Ratio
<b>LDL / HDL Ratio</b> <i>Method : Calculated</i>	<b>4.61 H</b>	Low Risk : 0.5 - 3.0 Moderate Risk : 3.1 - 6.0 High Risk : $>$ 6.0	Ratio
<b>Non HDL Cholesterol</b> <i>Method : Manual</i>	<b>245.57 H</b>	0.00 - 130.00	mg/dL
<b>Liver Function Test (LFT)</b> <i>Sample : Serum</i>			
<b>Bilirubin Total</b> <i>Method : Spectrophotometry</i>	0.44	0.00 - 1.20	mg/dL
<b>Bilirubin Direct</b> <i>Method : Diazo Gen.2 Jendrassik-Grof</i>	0.16	0.00 - 0.20	mg/dL
<b>Serum Bilirubin (Indirect)</b>	0.28	0.00 - 0.90	mg/dL



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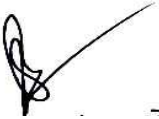
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<i>Method : Calculated</i>			
<b>SGOT / AST</b>	36.83	0.00 - 40.00	U/L
<i>Method : Spectrophotometry</i>			
<b>SGPT / ALT</b>	<b>42.23 H</b>	0.00 - 41.00	U/L
<i>Method : Spectrophotometry</i>			
<b>AST / ALT Ratio</b>	0.87	-	Ratio
<i>Method : Calculated</i>			
<b>Alkaline Phosphatase</b>	124.84	40.00 - 129.00	U/L
<i>Method : Spectrophotometry</i>			
<b>Total Protein</b>	8.11	6.40 - 8.30	gm/dL
<i>Method : Spectrophotometry</i>			
<b>Albumin</b>	<b>5.19 H</b>	3.97 - 4.94	gm/dL
<i>Method : Spectrophotometry</i>			
<b>Globulin</b>	2.92	1.90 - 3.70	gm/dL
<i>Method : Calculated</i>			
<b>Albumin Globulin A/G Ratio</b>	1.78	1.00 - 2.10	Ratio
<i>Method : Calculated</i>			
<b>TSH 3rd Generation</b>	1.170	0.27 - 4.20	μIU/mL
<i>Sample : Serum</i>			
<i>Method : ECLIA</i>			

\*\* End of Report \*\*

**Authenticated By**

Dr. Saloni Dwivedi  
MBBS MD (Pathology)  
Lab Head



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