

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

**Name** : Mr. RAKESH KUMAR REG 332446 BOB  
Age/Gender : 26 Yrs/Male  
P. ID No. : 121220243291106  
**Accession No** : **121220243290007**  
Referring Doctor :  
Referred By : Self

Billing Date : 29/03/2024 09:16:59 AM  
Sample Collected on : 29/03/2024 01:07:22 PM  
Sample Received on : 29/03/2024 01:27:07 PM  
Report Released on : 29/03/2024 01:48:27 PM

**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>6.98 L</b>	8.87 - 20.50	mg/dL
<b>Blood Urea</b> <i>Sample : Serum</i> <i>Method : Urease /GLDH</i>	<b>14.93 L</b>	19.00 - 44.00	mg/dL
<b>Creatinine</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	0.89	0.70 - 1.30	mg/dL
<b>BUN Creatinine Ratio</b> <i>Sample : Serum</i> <i>Method : Calculated</i>	<b>7.84 L</b>	10.00 - 20.00	Ratio
<b>Total Protein</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	7.17	6.40 - 8.30	gm/dL
<b>Uric Acid</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	6.05	3.40 - 7.00	mg/dL
<b>Sodium</b> <i>Sample : Serum</i> <i>Method : ISE</i>	137.00	136.00 - 145.00	mmol/L
<b>Potassium</b>	4.12	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>112.40 H</b>	98.00 - 107.00	mmol/L
<b>Albumin</b> <i>Sample : Serum</i> <i>Method : Spectrophotometry</i>	4.87	3.97 - 4.94	gm/dL
<b>Globulin</b> <i>Sample : Serum</i> <i>Method : Calculated</i>	2.30	1.90 - 3.70	gm/dL
<b>Albumin Globulin A/G Ratio</b> <i>Sample : Serum</i> <i>Method : Calculated</i>	<b>2.12 H</b>	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>	1.015	1.00 - 1.04	---
<b>pH</b> <i>Method : Double indicator principle</i>	6.50	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	<b>1-2</b>	0-5	/hpf
<b>RBC</b> Method : Microscopy	Not Detected	Not Detected	/hpf
<b>Epithelial Cells</b> Method : Microscopy	<b>1-2</b>	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**

Method : Slide and tube agglutination

**O**

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**Rh (D) Typing**

Method : Forward/Reverse by tube agglutination

**Positive**

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**Complete Blood Count (CBC)**

Sample : Whole Blood, EDTA

**Haemoglobin (Hb)**

Method : Photometric

15.80

13.00 - 17.00

gm/dL

**Total WBC Count / TLC**

Method : Impedance

5.12

4.00 - 10.00

thou/ $\mu$ L

**RBC Count**

Method : Impedance

4.86

4.50 - 5.50

million/ $\mu$ L

**PCV / Hematocrit**

Method : Impedance

48.70

40.00 - 50.00

%

**MCV**

Method : Calculated

100.20

83.00 - 101.00

fL

**MCH**

Method : Calculated

**32.50 H**

27.00 - 32.00

pg

**MCHC**

Method : Calculated

32.40

31.50 - 34.50

gm/dL

**RDW (Red Cell Distribution Width)**

Method : Calculated

**17.00 H**

11.80 - 15.60

%

**Neutrophils**

Method : VCS Technology & Microscopy

54.00

40.00 - 80.00

%



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<b>Lymphocytes</b> <i>Method : VCS Technology &amp; Microscopy</i>	33.00	20.00 - 40.00	%
<b>Eosinophils</b> <i>Method : VCS Technology &amp; Microscopy</i>	<b>8.00 H</b>	1.00 - 6.00	%
<b>Monocytes</b> <i>Method : VCS Technology &amp; Microscopy</i>	5.00	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>	2764.80	2000.00 - 7000.00	/ $\mu$ L
<b>Absolute Lymphocyte Count</b> <i>Method : Calculated</i>	1689.60	1000.00 - 3000.00	/ $\mu$ L
<b>Absolute Eosinophil Count (AEC)</b> <i>Method : Calculated</i>	409.60	20.00 - 500.00	/ $\mu$ L
<b>Absolute Monocyte Count</b> <i>Method : Calculated</i>	256.00	200.00 - 1000.00	/ $\mu$ L
<b>Absolute Basophil Count</b> <i>Method : Calculated</i>	<b>0.00 L</b>	20.00 - 100.00	/ $\mu$ L
<b>Platelet Count</b> <i>Method : Impedance</i>	150.00	150.00 - 410.00	thou/ $\mu$ L
<b>MPV (Mean Platelet Volume)</b> <i>Method : Calculated</i>	<b>11.50 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>	6.00	0.00 - 10.00	mm Ist Hour
<b>HbA1C (Glycosylated Hemoglobin)</b> <i>Sample : Whole Blood, EDTA</i>			
<b>HbA1c</b>	5.02	0.00 - 5.60	%



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Method : Immunoassay & Reflectometry

<b>Mean Plasma Glucose</b>	97.37	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>	98.91	Normal : 74 - 99 Impaired Fasting Glucose : 100 - 125 Diabetes : > 126	mg/dL
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**FT3 (Free Triiodothyronine 3)**

Sample : Serum

Method : ECLIA

	2.74	2.00 - 4.40	pg/mL
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**FT4 (Free Thyroxine 4)**

Sample : Serum

Method : ECLIA

	1.43	0.93 - 1.70	ng/dL
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**Glucose Post Prandial**

Sample : Plasma Fluoride - Post Prandial

Method : Hexokinase

<b>Glucose, Post-Prandial</b>	92.49	70.00 - 140.00	mg/dL
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**Lipid Profile**

Sample : Serum

<b>Total Cholesterol</b>	130.33	No Risk : < 200 Moderate Risk : 200 - 239	mg/dL
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Method : Spectrophotometry



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<b>Triglycerides</b> <i>Method : GPO-PAP</i>	65.12	High Risk : > 240 Desirable : < 150 Boderline High : 150 - 199 High : 200 - 499 Very High : >= 500	mg/dL
<b>LDL Cholesterol (Calculated)</b> <i>Method : Calculated</i>	67.58	0.00 - 100.00	mg/dL
<b>HDL Cholesterol</b> <i>Method : enzymatic colorimetric test Gen.2</i>	49.73	Low : < 40 Optimal : 40 - 60 High > 60	mg/dL
<b>VLDL Cholesterol</b> <i>Method : Calculated</i>	13.02	Desirable : 10 - 35	mg/dL
<b>Total Cholesterol / HDL Ratio</b> <i>Method : Calculated</i>	<b>2.62 L</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>	1.36	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>	80.60	0.00 - 130.00	mg/dL
<b>Liver Function Test (LFT)</b> <i>Sample : Serum</i>			
<b>Bilirubin Total</b>	<b>1.21 H</b>	0.00 - 1.20	mg/dL



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<i>Method : Spectrophotometry</i>			
<b>Bilirubin Direct</b>	<b>0.40 H</b>	0.00 - 0.20	mg/dL
<i>Method : Diazo Gen.2 Jendrassik-Grof</i>			
<b>Serum Bilirubin (Indirect)</b>	0.81	0.00 - 0.90	mg/dL
<i>Method : Calculated</i>			
<b>SGOT / AST</b>	26.80	0.00 - 40.00	U/L
<i>Method : Spectrophotometry</i>			
<b>SGPT / ALT</b>	35.34	0.00 - 41.00	U/L
<i>Method : Spectrophotometry</i>			
<b>AST / ALT Ratio</b>	0.76	-	Ratio
<i>Method : Calculated</i>			
<b>Alkaline Phosphatase</b>	121.57	40.00 - 129.00	U/L
<i>Method : Spectrophotometry</i>			
<b>Total Protein</b>	7.17	6.40 - 8.30	gm/dL
<i>Method : Spectrophotometry</i>			
<b>Albumin</b>	4.87	3.97 - 4.94	gm/dL
<i>Method : Spectrophotometry</i>			
<b>Globulin</b>	2.30	1.90 - 3.70	gm/dL
<i>Method : Calculated</i>			
<b>Albumin Globulin A/G Ratio</b>	<b>2.12 H</b>	1.00 - 2.10	Ratio
<i>Method : Calculated</i>			
<b>TSH 3rd Generation</b>	3.600	0.27 - 4.20	μIU/mL
<i>Sample : Serum</i>			
<i>Method : ECLIA</i>			

\*\* End of Report \*\*



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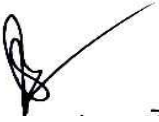
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**Authenticated By**



Dr. Saloni Dwivedi  
MBBS MD (Pathology)  
Lab Head



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