



<b>Name</b>	: Mr. DHEERAJ GOEL	<b>Age /Sex</b>	: 49Y Y(s)/MALE
<b>Bill No.</b>	: MCB54250302165	<b>UMR No.</b>	: 542503000536

**LABORATORY REPORT : BIOCHEMISTRY**

Parameters	Result	Reference Range	Units
<b>BUN(BLOOD UREA NITROGEN)</b>			
( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307576)			
BUN (Blood Urea Nitrogen.) <i>Calculated</i>	10	7 - 21.0	mg/dL
<b>HBA1C (GLYCOSYLATED HAEMOGLOBIN)</b>			
( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307577)			
HBA1C <i>HPLC</i>	<b>6.0 *</b>	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
<b>LIPID PROFILE</b>			
( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307578)			
TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	<b>221 *</b>	Desirable :: < 200 mg/dL Borderline High :: 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL <i>Homogeneous enzymatic colorimetric</i>	33	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	<b>158 *</b>	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL Borderline High:130-159 mg/dl	mg/dL
VLDL <i>Calculation</i>	29	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	146	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
CHO/HDL RATIO <i>Calculation</i>	<b>6.69 *</b>	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO	4.78		
<b>SERUM CREATININE</b>			
( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307579)			
CREATININE <i>Jaffe</i>	0.85	0.8 - 1.3	mg/dL



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**BUN / CREATININE RATIO**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307580)

BUN / CREATININE RATIO <i>CALCULATED</i>	11.7	10-20
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**LFT(LIVER FUNCTION TEST)**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307581)

TOTAL BILIRUBIN <i>DIAZO</i>	0.5	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.2	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.3	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	<b>67 *</b>	<=41	U/L
SGOT (AST) <i>UV without P5P</i>	30	<=40	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	98	40-129 U/L	U/L
TOTAL PROTEINS <i>Biuret method</i>	<b>8.3 *</b>	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	4.7	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	<b>3.6 *</b>	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.30	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	37	6-42	U/L

**SERUM URIC ACID**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307582)

SERUM URIC ACID <i>uricase</i>	6.1	3.4-7.0	mg/dL
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**FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307598)

FASTING BLOOD GLUCOSE <i>Hexokinase</i>	<b>101 *</b>	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
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FASTING URINE GLUCOSE NIL

**T3,T4 AND TSH**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307599)

T3 ECLIA	152.9	70 - 204	ng/dL
T4 ECLIA	12.15	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	2.23	0.270 - 4.20	uIU/mL

**PSA (PROSTATE SPECIFIC ANTIGEN).**


( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307601)

PROSTATE SPECIFIC ANTIGEN (PSA) ECLIA	0.442	0-4.0	ng/mL
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**PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250308142)

PLBS (POST LUNCH BLOOD GLUCOSE)	106	Normal Range : <140 Impaired Glucose Tolerance : 140 -199 Diabetes Mellitus: >=200
URINE SUGAR	NIL	



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MD Pathology, Head - Lab Services



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**LABORATORY REPORT : BLOOD BANK**

Parameters	Result	Reference Range	Units
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**BLOOD GROUPING AND RH**


( **Bill Date** : 08-Mar-2025 09:42 AM      **Result ID** : RMI250307600)

BLOOD GROUP <i>Tube agglutination</i>	B
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RH TYPE	POSITIVE
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**INTERPRETATION**

1. If Rh is Du positive it is best considered as Rh negative as recipient and Rh positive as donor. 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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**LABORATORY REPORT : CLINICAL PATHOLOGY**

Parameters	Result	Reference Range	Units
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**CUE(COMPLETE URINE EXAMINATION)**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307583)

**PHYSICAL EXAMINATION**

VOLUME	25ML		ml
COLOUR	PALE YELLOW	PALE YELLOW	
APPEARANCE	SLIGHTLY HAZY	CLEAR	

**CHEMICAL EXAMINATION**

DEPOSIT	ABSENT	ANSENT
SPECIFIC GRAVITY <i>Bromthymol blue</i>	1.025	1.000 - 1.030
PH <i>Bromthymol blue</i>	6.5	5.0 - 8.0
PROTEIN <i>Tetra-bromophenol blue/Heat coagulation test</i>	NIL	NIL (<15 mg/dL)
GLUCOSE <i>Glucose oxidase Peroxidase/Benedict's test</i>	NIL	NIL (<25 mg/dL)
UROBILINOGEN <i>Diazonium salt</i>	NIL	NIL
KETONE <i>Sodium nitroprusside/Rothera's test.</i>	NIL	NIL (<5 mg/dL)
BILIRUBIN <i>Dipstick/Fouchets test</i>	NIL	NEGATIVE
BILE SALT <i>Hays sulphur powder</i>	NIL	NEGATIVE
BILE PIGMENT <i>Fouchet test</i>	NIL	NEGATIVE
NITRITE <i>Sulfanilic acid</i>	NIL	NEGATIVE
LEUCOCYTE ESTERASE	NIL	NEGATIVE



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**MICROSCOPIC EXAMINATION**

PUS CELLS	1-2	0 - 5 /hpf	
EPITHELIAL CELLS	2-3	0 - 5	hpf
RBC	NIL	0 - 5 /hpf	
CAST	NIL	NIL	
<i>Microscopy examination</i>			
CRYSTALS	NIL	NIL	
BACTERIA	NIL		
<i>Microscopic examination</i>			
YEAST	NIL		
<i>Microscopic examination</i>			
AMORPHOUS DEPOSITS	NIL		
<i>Microscopic examination</i>			
MUCUS THREAD	PRESENT		
<i>Microscopic examination</i>			

**NOTE**

Microscopic examination of urine is carried out on centrifuged urinary sediment



Dr Neeta Shrivastava  
MBBS, MD, DNB ( Microbiology)



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**LABORATORY REPORT : HAEMATOLOGY**

Parameters	Result	Reference Range	Units
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**ESR**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307584)

ESR <i>MODIFIED WESTERGRENS METHOD</i>	21 *	0 - 10	mm/1st hour
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**CBP(COMPLETE BLOOD PICTURE)**

( Bill Date : 08-Mar-2025 09:42 AM Result ID : RMI250307585)

R B C COUNT <i>Electrical Impedance</i>	4.95	4.5 - 5.5 10 <sup>12</sup> /L	10 <sup>12</sup> /L
HEMOGLOBIN <i>Photometric</i>	14.8	13.0 - 17.0	gms/dL
PCV/HCT <i>Calculated</i>	44.7	40 - 50	%
MCV <i>Calculated</i>	90.3	83 - 101	fl
MCH <i>Calculated</i>	29.9	27 - 32	pg
MCHC <i>Calculated</i>	33.2	31.5 - 34.5	g/dL
RDW(cv)	13.5	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT)	8.19	4.0 - 10.0	10 <sup>3</sup> /μl

*Impedance*

**DIFFERENTIAL COUNT**

NEUTROPHILS <i>DHSS/Microscopy</i>	54	40 - 80 %
LYMPHOCYTES <i>DHSS/Microscopy</i>	36	20 - 40 %
MONOCYTES <i>DHSS/Microscopy</i>	07	02 - 10 %
EOSINOPHILS <i>DHSS/Microscopy</i>	03	00 - 06 %
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %




# MEDICOVER HOSPITALS



UNIT NO.04,BASEMENT, C/O MEDICOVER  
HOSPITALS,PLOT NO.01,SECTOR  
NO.10,KHARGHAR,PANVEL (RAIGAD ZONE 1  
)MAHARASHTRA INDIA 410210., Navimumbai

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PLATELET COUNT 210 150 - 400  $10^3/\mu\text{L}$   $10^3/\mu\text{L}$   
*Electrical Impedance*

  
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