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|-----------------|--------------------------|-----------------|-----------------|
| Name | : Mr. BHARTENDU BHARDWAJ | Age /Sex | : 35Y Y(s)/MALE |
| Bill No. | : MCB54250301822 | UMR No. | : 542503000484 |

LABORATORY REPORT : BIOCHEMISTRY

| Parameters | Result | Reference Range | Units |
|---|--------------|---------------------------|-------|
| BUN(BLOOD UREA NITROGEN) | | | |
| (Bill Date : 07-Mar-2025 08:57 AM | | Result ID : RMI250305713) | |
| BUN (Blood Urea Nitrogen.) <i>Calculated</i> | 9 | 7 - 21.0 | mg/dL |
| SERUM URIC ACID | | | |
| (Bill Date : 07-Mar-2025 08:57 AM | | Result ID : RMI250305717) | |
| SERUM URIC ACID <i>uricase</i> | 4.5 | 3.4-7.0 | mg/dL |
| LFT(LIVER FUNCTION TEST) | | | |
| (Bill Date : 07-Mar-2025 08:57 AM | | Result ID : RMI250305718) | |
| TOTAL BILIRUBIN <i>DIAZO</i> | 1.1 | <1.2 | mg/dL |
| DIRECT BILIRUBIN <i>DIAZO</i> | 0.4 * | <=0.20 | mg/dL |
| INDIRECT BILIRUBIN <i>Calculated</i> | 0.7 | <=1.0 | mg/dL |
| SGPT (ALT) <i>UV without P5P</i> | 22 | <=41 | U/L |
| SGOT (AST) <i>UV without P5P</i> | 18 | <=40 | U/L |
| ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i> | 121 | 40-129 U/L | U/L |
| TOTAL PROTEINS <i>Biuret method</i> | 7.7 | 6.0 - 8.0 g/dL | g/dL |
| SERUM ALBUMIN <i>Bromcresol Green (BCG)</i> | 4.8 | 3.5 - 5.2 g/dL | g/dL |
| GLOBULINS <i>Calculated</i> | 2.9 | 2.5 - 3.5 g/dL | g/dL |
| A/G RATIO <i>Calculation</i> | 1.66 | 1.2 - 2.5 | |
| GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i> | 17 | 6-42 | U/L |



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BUN / CREATININE RATIO

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305719)

BUN / CREATININE RATIO **9 *** 10-20
CALCULATED

SERUM CREATININE

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305720)

CREATININE **1.00** 0.8 - 1.3 mg/dL
Jaffe

LIPID PROFILE

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305721)

TOTAL CHOLESTEROL **220 *** Desirable :: < 200 mg/dL mg/dL
Enzymatic colorimetric Borderline High :: 200 - 239 mg/dL

High risk : > 240 mg/dL

HDL CHOLESTEROL **48** Low :: < 40 mg/dL mg/dL
Homogeneous enzymatic colorimetric High :: > 60 mg/dL

LDL CHOLESTEROL **148 *** Very High : - > 190 mg/dL mg/dL
Direct-Enzymatic colorimetric Optimal : - < 100 mg/dL

Near Optimal : 100 - 129 mg/dL

High : 160 - 189 mg/dL

Borderline High:130-159 mg/dl

VLDL **25** 2 - 30 mg/dL mg/dL
Calculation

SERUM TRYGLYCERIDES **125** < 150 mg/dL mg/dL
Enzymatic colorimetric Borderline High : 150 - 199 mg/dL

High : 200 - 499 mg/dL

CHO/HDL RATIO **4.58 *** Normal : - < 3.5
Calculation High Risk : - > 5.0

LDL/HDL RATIO **3.08**

HBA1C (GLYCOSYLATED HAEMOGLOBIN)

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305722)

HBA1C **5.3** " Normal : < 5.7%
HPLC Pre diabetic : 5.7 % - 6.5 %
Diabetic : > 6.5 %

T3,T4 AND TSH

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305724)

T3 **122.4** 70 - 204 ng/dL
ECLIA



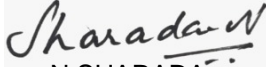
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|---|------|--------------|--------|
| T4 <i>ECLIA</i> | 9.82 | 5.1 - 14.1 | ug/dL |
| TSH(THYROID STIMULATING HORMONE) <i>ECLIA</i> | 2.87 | 0.270 - 4.20 | uIU/mL |

FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)

(**Bill Date** : 07-Mar-2025 08:57 AM **Result ID** : RMI250305725)

| | | | |
|--|-----|--|-------|
| FASTING BLOOD GLUCOSE <i>Hexokinase</i> | 91 | Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126 | mg/dL |
| FASTING URINE GLUCOSE | NIL | | |


N SHARADA
MD Pathology, Head - Lab Services



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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LABORATORY REPORT : BIOCHEMISTRY

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|------------|--------|-----------------|-------|
|------------|--------|-----------------|-------|

PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250306156)

| | | | |
|------------------------------------|-----|--|--|
| PLBS (POST LUNCH BLOOD GLUCOSE) | 93 | Normal Range : <140 Impaired Glucose Tolerance : 140 -199 Diabetes Mellitus: >=200 | |
| URINE SUGAR | NIL | | |

PATIL SONIYA ANANT
MBBS MD PATHOLOGY



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LABORATORY REPORT : BLOOD BANK

| Parameters | Result | Reference Range | Units |
|------------|--------|-----------------|-------|
|------------|--------|-----------------|-------|

BLOOD GROUPING AND RH

(**Bill Date** : 07-Mar-2025 08:57 AM **Result ID** : RMI250305723)

| | |
|--|---|
| BLOOD GROUP <i>Tube agglutination</i> | B |
|--|---|

| | |
|---------|----------|
| RH TYPE | POSITIVE |
|---------|----------|

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 |
|------------|--------|-----------------|-------|
|------------|--------|-----------------|-------|

CUE(COMPLETE URINE EXAMINATION)

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305716)

PHYSICAL EXAMINATION

| | | | |
|------------|---------------|-------------|----|
| VOLUME | 20ML | | ml |
| COLOUR | PALE YELLOW | PALE YELLOW | |
| APPEARANCE | SLIGHTLY HAZY | CLEAR | |

CHEMICAL EXAMINATION

| | | |
|--|--------|-----------------|
| DEPOSIT | ABSENT | ANSENT |
| SPECIFIC GRAVITY <i>Bromthymol blue</i> | 1.000 | 1.000 - 1.030 |
| PH <i>Bromthymol blue</i> | 8.0 | 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 | 2-3 | 0 - 5 /hpf | |
| EPITHELIAL CELLS | 1-2 | 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 | NIL | | |
| <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 |
|---|--------|-------------------------------|---------------------|
| CBP(COMPLETE BLOOD PICTURE) | | | |
| (Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305714) | | | |
| R B C COUNT <i>Electrical Impedance</i> | 5.31 | 4.5 - 5.5 10 ¹² /L | 10 ¹² /L |
| HEMOGLOBIN <i>Photometric</i> | 16.0 | 13.0 - 17.0 | gms/dL |
| PCV/HCT <i>Calculated</i> | 49.4 | 40 - 50 | % |
| MCV <i>Calculated</i> | 93.1 | 83 - 101 | fl |
| MCH <i>Calculated</i> | 30.1 | 27 - 32 | pg |
| MCHC <i>Calculated</i> | 32.3 | 31.5 - 34.5 | g/dL |
| RDW(cv) | 13.6 | 11.6 - 14.0 % | % |
| TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i> | 7.66 | 4.0 - 10.0 | 10 ³ /μL |

DIFFERENTIAL COUNT

| | | | |
|---|-----|-------------------------------|---------------------|
| NEUTROPHILS <i>DHSS/Microscopy</i> | 59 | 40 - 80 % | |
| LYMPHOCYTES <i>DHSS/Microscopy</i> | 30 | 20 - 40 % | |
| MONOCYTES <i>DHSS/Microscopy</i> | 06 | 02 - 10 % | |
| EOSINOPHILS <i>DHSS/Microscopy</i> | 05 | 00 - 06 % | |
| BASOPHILS <i>DHSS/Microscopy</i> | 00 | 00 - 01 % | |
| PLATELET COUNT <i>Electrical Impedance</i> | 299 | 150 - 400 10 ³ /μL | 10 ³ /μL |

ESR

(Bill Date : 07-Mar-2025 08:57 AM Result ID : RMI250305715)

| | | | |
|--|----|--------|-------------|
| ESR <i>MODIFIED WESTERGREN'S METHOD</i> | 05 | 0 - 10 | mm/1st hour |
|--|----|--------|-------------|



MEDICOVER HOSPITALS



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Sharada N
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