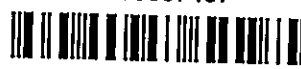



**CLINICAL BIOCHEMISTRY**

|                                          |                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Patient Name</b> : MR. MANU YADAV     | <b>UHID</b> : 8500507437                                                            |
| <b>Age/Gender</b> : 33 Years / Male      |  |
| <b>Consultant</b> : Dr.GGH CONSULTANT.   | <b>Encounter no</b> : 852308024006                                                  |
| <b>Lab Id</b> : 85232311322              |  |
| <b>Request D/T</b> : 02/08/2023 08:42:33 | <b>Report Status</b> : FINAL                                                        |
| <b>Collect D/T</b> : 02/08/2023 08:51:39 |                                                                                     |
| <b>Receive D/T</b> : 02/08/2023 10:52:50 |                                                                                     |
| <b>Report D/T</b> : 02/08/2023 12:03:59  |                                                                                     |
| <b>Specimen</b> : BLOOD                  |                                                                                     |
| <b>Referral</b> : BANK OF BARODA         |                                                                                     |

**Mediwheel Full Body Health Check-up - Male (Below 40 Yrs)**

| Test                                | Result | Units | Biological Reference Interval                                            | Methodology             |
|-------------------------------------|--------|-------|--------------------------------------------------------------------------|-------------------------|
| ALT/SGPT Alanine Amino Transferase  | 17     | IU/L  | <41                                                                      | UV with P5P-IFCC        |
| AST/SGOT Aspartate Aminotransferase | 17     | IU/L  | <40                                                                      | UV with P5P-IFCC        |
| Alkaline Phosphatase, Serum (ALP)   | 79     | IU/L  | 40-129                                                                   | PNPP                    |
| Bilirubin Total Serum               | 0.6    | mg/dL | 0.3-1.2                                                                  | Diazonium Ion           |
| Bilirubin (Direct), Serum           | 0.1    | mg/dL | <0.3                                                                     | Diazolization           |
| <b>Protein Total, Serum</b>         |        |       |                                                                          |                         |
| Total Proteins                      | 7.5    | gm/dL | 6.5-8.5                                                                  | Biuret method           |
| Albumin, Serum                      | 4.5    | gm/dL | 3.5-5.2                                                                  | Bromocresol Green       |
| Globulin                            | 3      | gm/dL | 2.5-3.5                                                                  | Calculated              |
| Albumin/Globulin (A/G) Ratio        | 1.5    |       |                                                                          | Calculated              |
| Albumin, Serum                      | 4.5    | gm/dL | 3.5-5.2                                                                  | Bromocresol Green       |
| Globulin                            | 3      | gm/dL | 2.5-3.5                                                                  | Calculated              |
| Creatinine                          | 0.8    | mg/dL | 0.70-1.20                                                                | Alkaline Picrate method |
| Cholesterol                         | 187    | mg/dL | Desirable : <200;<br>Borderline High : 201-239;<br>High : >240           | CHO-PAP                 |
| Cholesterol HDL, Serum              | 42     | mg/dl | Desirable : >60;<br>Borderline : 40-59;<br>Undesirable : <40             | Direct measure          |
| Triglycerides                       | 122    | mg/dL | Desirable : <150;<br>150-199 Borderline Risk;<br>More than 200 High Risk | Enzymatic               |



**DEPARTMENT OF LABORATORY MEDICINE**

6-1-1068/A/B2, Lakdi-ka-pool, Hyderabad - 500 004.

**CLINICAL BIOCHEMISTRY**

|                                          |                                    |
|------------------------------------------|------------------------------------|
| <b>Patient Name</b> : MR. MANU YADAV     | <b>UHID</b> : 8500507437           |
| <b>Age/Gender</b> : 33 Years / Male      |                                    |
| <b>Consultant</b> : Dr.GGH CONSULTANT.   | <b>Encounter no</b> : 852308024006 |
| <b>Lab Id</b> : 85232311322              |                                    |
| <b>Request D/T</b> : 02/08/2023 08:42:33 |                                    |
| <b>Collect D/T</b> : 02/08/2023 08:51:39 |                                    |
| <b>Receive D/T</b> : 02/08/2023 10:52:50 |                                    |
| <b>Report D/T</b> : 02/08/2023 12:03:59  |                                    |
| <b>Specimen</b> : BLOOD                  | <b>Report Status</b> : FINAL       |
| <b>Referral</b> : BANK OF BARODA         |                                    |

| Test                                    | Result | Units  | Biological Reference Interval                                                           | Methodology        |
|-----------------------------------------|--------|--------|-----------------------------------------------------------------------------------------|--------------------|
| Cholesterol LDL                         | 120.6  | mg/dL  | Desirable : <100;<br>Near optimal 100-129 ;<br>Borderline High 130-159;<br>High 160-189 | Friedewald Formula |
| Cholesterol VLDL                        | 24.4   | mg/dL  | Upto: 30                                                                                | Friedewald Formula |
| Urea Nitrogen , Blood                   | 9      | mg/dL  | 6-20                                                                                    | Urease             |
| Glycosylated Haemoglobin (HbA1C), Blood | 5.4    | %      | 4.0-6.5                                                                                 | Immunturbidimetry  |
| Urea, Serum                             | 20     | mg/dL  | 16.6-48.5                                                                               | Urease             |
| TSH Thyroid Stimulating Hormone, Serum  | 2.93   | µIU/mL | 0.27-4.20                                                                               | ECLIA              |

Interpretation:- Primary hypothyroidism is characterized by a high serum TSH concentration and a low serum free T4 concentration. Secondary hypothyroidism is characterized by a low serum TSH concentration as well as a low serum T4 concentration. In hyperthyroidism, serum TSH is below normal and frequently <0.1 IU/mL, & serum T3 is usually elevated. Assessment of T3 levels is important to determine the severity of the hyperthyroidism and to monitor the response to treatment.

|                       |      |       |          |       |
|-----------------------|------|-------|----------|-------|
| T4 (Thyroxine), Serum | 8.04 | æg/dL | 5.1-14.1 | ECLIA |
|-----------------------|------|-------|----------|-------|

Interpretation:- Primary hypothyroidism is characterized by a high serum TSH concentration and a low serum free T4 concentration. Secondary hypothyroidism is characterized by a low serum TSH concentration as well as a low serum T4 concentration. In hyperthyroidism, serum TSH is below normal and frequently <0.1 IU/mL, & serum T3 is usually elevated. Assessment of T3 levels is important to determine the severity of the hyperthyroidism and to monitor the response to treatment.

|                         |      |       |         |       |
|-------------------------|------|-------|---------|-------|
| T3 (Tri Iodo Thyronine) | 1.43 | ng/mL | 0.8-2.0 | ECLIA |
|-------------------------|------|-------|---------|-------|

Interpretation:- Primary hypothyroidism is characterized by a high serum TSH concentration and a low serum free T4 concentration. Secondary hypothyroidism is characterized by a low serum TSH concentration as well as a low serum T4 concentration. In hyperthyroidism, serum TSH is below normal and frequently <0.1 IU/mL, & serum T3 is usually elevated. Assessment of T3 levels is important to determine the severity of the hyperthyroidism and to monitor the response to treatment.

**Electrolytes (Na, K, Cl, Ca), Serum**



**DEPARTMENT OF LABORATORY MEDICINE**

6-1-1068/A/B2, Lakdi-ka-pool, Hyderabad - 500 004.

**CLINICAL BIOCHEMISTRY**

|                                          |                                    |
|------------------------------------------|------------------------------------|
| <b>Patient Name</b> : MR. MANU YADAV     | <b>UHID</b> : 8500507437           |
| <b>Age/Gender</b> : 33 Years / Male      |                                    |
| <b>Consultant</b> : Dr.GGH CONSULTANT.   | <b>Encounter no</b> : 852308024006 |
| <b>Lab Id</b> : 85232311322              |                                    |
| <b>Request D/T</b> : 02/08/2023 08:42:33 |                                    |
| <b>Collect D/T</b> : 02/08/2023 08:51:39 |                                    |
| <b>Receive D/T</b> : 02/08/2023 10:52:50 |                                    |
| <b>Report D/T</b> : 02/08/2023 12:03:59  |                                    |
| <b>Specimen</b> : BLOOD                  | <b>Report Status</b> : FINAL       |
| <b>Referral</b> : BANK OF BARODA         |                                    |

| Test                  | Result | Units  | Biological Reference Interval | Methodology  |
|-----------------------|--------|--------|-------------------------------|--------------|
| Sodium (Na+), Serum   | 139    | mMol/L | 136-145                       | ISE Indirect |
| Potassium (K+), Serum | 4.3    | mMol/L | 3.5-5.1                       | ISE Indirect |
| Chloride (Cl), Serum  | 105    | mMol/L | 98-107                        | ISE Indirect |
| Calcium, Serum        | 9.2    | mg/dL  | 8.6-10.0                      | BAPTA        |
| FPG : 93 mg/dl        |        |        |                               |              |

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CONSULTANT PATHOLOGIST

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**HAEMATOLOGY**

|                                             |                                    |
|---------------------------------------------|------------------------------------|
| <b>Patient Name</b> : MR. MANU YADAV        | <b>UHID</b> : 8500507437           |
| <b>Age/Gender</b> : 33 Years / Male         |                                    |
| <b>Consultant</b> : Dr.GGH CONSULTANT.      | <b>Encounter no</b> : 852308024006 |
| <b>Lab Id</b> : 85232405823                 |                                    |
| <b>Request D/T</b> : 02/08/2023 08:42:33    | <b>Report Status</b> : FINAL       |
| <b>Collect D/T</b> : 02/08/2023 08:51:40    |                                    |
| <b>Receive D/T</b> : 02/08/2023 09:57:47    |                                    |
| <b>Report D/T</b> : 02/08/2023 10:54:24     |                                    |
| <b>Specimen</b> : BLOOD,K2-EDTA Whole Blood |                                    |
| <b>Referral</b> : BANK OF BARODA            |                                    |

**HAEMATOLOGY**

Mediwheel Full Body Health Check-up - Male (Below 40 Yrs)

| Test                           | Result                                                                                                             | Units    | Biological Reference Interval | Methodology                  |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|------------------------------|
| Haemoglobin Estimation         | 15.1                                                                                                               | g%       | M : 13 - 17 / F : 12 - 15     |                              |
| Peripheral Smear-Examination   | Red Blood cells are normocytic normochromic.<br>Leucocytes shows relative eosinophilia.<br>Platelets are adequate. |          |                               | Microscopy/Leishmann         |
| Platelet Count                 | 3.02                                                                                                               | lakhs/ul | 1.5-4.4                       | Automated- Cell counter      |
| <b>WBC Count (TC &amp; DC)</b> |                                                                                                                    |          |                               |                              |
| Total WBC Count                | 6410                                                                                                               | cells/ul | 4500-11000                    |                              |
| <b>DC</b>                      |                                                                                                                    |          |                               |                              |
| Neutrophils                    | 48                                                                                                                 | %        | 40-75                         | Microscopy /Leishmann stain  |
| Lymphocytes                    | 40                                                                                                                 | %        | 20-40                         | Microscopy / Leishmann stain |
| Monocytes                      | 04                                                                                                                 | %        | 2.0 - 10.0                    | Microscopy / Leishmann stain |
| Eosinophils                    | 08                                                                                                                 | %        | 1.0 - 6.0                     | Microscopy /Leishmann stain  |
| Basophils                      | 00                                                                                                                 | %        | 0-1                           | Microscopy / Leishmann stain |
| <b>TC &amp; DC, Blood</b>      |                                                                                                                    |          |                               |                              |
| Total WBC Count                | 6410                                                                                                               | cells/ul | 4500-11000                    |                              |
| <b>DC</b>                      |                                                                                                                    |          |                               |                              |
| Neutrophils                    | 48                                                                                                                 | %        | 40-75                         | Microscopy /Leishmann stain  |
| Lymphocytes                    | 40                                                                                                                 | %        | 20-40                         | Microscopy / Leishmann stain |
| Monocytes                      | 04                                                                                                                 | %        | 2.0 - 10.0                    | Microscopy / Leishmann stain |
| Eosinophils                    | 08                                                                                                                 | %        | 1.0 - 6.0                     | Microscopy /Leishmann stain  |
| Basophils                      | 00                                                                                                                 | %        | 0-1                           | Microscopy / Leishmann stain |



**HAEMATOLOGY AND CLINICAL PATHOLOGY**

|                                             |                                    |
|---------------------------------------------|------------------------------------|
| <b>Patient Name</b> : MR. MANU YADAV        | <b>UHID</b> : 8500507437           |
| <b>Age/Gender</b> : 33 Years / Male         |                                    |
| <b>Consultant</b> : Dr.GGH CONSULTANT.      | <b>Encounter no</b> : 852308024006 |
| <b>Lab Id</b> : 85232405823                 |                                    |
| <b>Request D/T</b> : 02/08/2023 08:42:33    | <b>Report Status</b> : FINAL       |
| <b>Collect D/T</b> : 02/08/2023 08:51:40    |                                    |
| <b>Receive D/T</b> : 02/08/2023 09:57:47    |                                    |
| <b>Report D/T</b> : 02/08/2023 10:54:24     |                                    |
| <b>Specimen</b> : BLOOD,K2-EDTA Whole Blood |                                    |
| <b>Referral</b> : BANK OF BARODA            |                                    |

| Test                                    | Result | Units | Biological Reference Interval | Methodology             |
|-----------------------------------------|--------|-------|-------------------------------|-------------------------|
| Packed Cell Volume (PCV/Haematocrit)    | 46.1   | vol%  | 40-50                         |                         |
| <b>RBC Count &amp; Red Cell Indices</b> |        |       |                               |                         |
| Haemoglobin (Hb)                        | 15.1   | g%    | M : 13 - 17 / F : 12 - 15     | Colorimetric            |
| Packed Cell Volume (PCV/Haematocrit)    | 46.1   | vol%  | 40-50                         |                         |
| MCV                                     | 85.7   | fl    | 83-101                        | Automated- Cell counter |
| MCH                                     | 28.1   | pg    | 27-32                         | Calculated              |
| MCHC                                    | 32.8   | g%    | 31-36                         | Calculated              |

**HAEMATOLOGY AND CLINICAL PATHOLOGY**

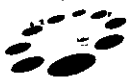
Mediwheel Full Body Health Check-up - Male (Below 40 Yrs)

| Test | Result | Units   | Biological Reference Interval | Methodology |
|------|--------|---------|-------------------------------|-------------|
| RBCs | 5.38   | mill/ul | 4.5-5.5                       | microscopy  |

\*\*\* End of Report \*\*\*

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**HAEMATOLOGY AND CLINICAL PATHOLOGY**

|                                          |                                    |
|------------------------------------------|------------------------------------|
| <b>Patient Name</b> : MR. MANU YADAV     | <b>UHID</b> : 8500507437           |
| <b>Age/Gender</b> : 33 Years / Male      |                                    |
| <b>Consultant</b> : Dr.GGH CONSULTANT.   | <b>Encounter no</b> : 852308024006 |
| <b>Lab Id</b> : 85232501386              |                                    |
| <b>Request D/T</b> : 02/08/2023 08:42:33 | <b>Report Status</b> : FINAL       |
| <b>Collect D/T</b> : 02/08/2023 08:51:40 |                                    |
| <b>Receive D/T</b> : 02/08/2023 09:58:16 |                                    |
| <b>Report D/T</b> : 02/08/2023 10:57:54  |                                    |
| <b>Specimen</b> : urine                  |                                    |
| <b>Referral</b> : BANK OF BARODA         |                                    |

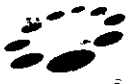
**HAEMATOLOGY AND CLINICAL PATHOLOGY**

**Mediwheel Full Body Health Check-up - Male (Below 40 Yrs)**

| Test                                    | Result        | Units   | Biological Reference Interval | Methodology                                |
|-----------------------------------------|---------------|---------|-------------------------------|--------------------------------------------|
| <b>Complete Urine Examination (CUE)</b> |               |         |                               |                                            |
| <b>Gross Examination</b>                |               |         |                               |                                            |
| Colour                                  | Pale Yellow   |         | PALE YELLOW                   |                                            |
| Appearance                              | Slightly Hazy |         | CLEAR                         |                                            |
| Specific Gravity                        | 1.020         |         | 1.001-1.035                   | Bromothymol blue                           |
| Reaction                                | Acidic        |         | ALKALINE                      |                                            |
| Proteins                                | Nil           |         | NEGATIVE                      | Protein errors of indicators               |
| Sugar                                   | Nil           |         | NEGATIVE                      | Glucose oxidase peroxidase reaction        |
| Ketone Bodies                           | Negative      |         | NEGATIVE                      | Acetest tablet test(sodium nitro prusside) |
| Bile Salts                              | Negative      |         | NEGATIVE                      | Diazo reagent                              |
| Bile Pigments                           | Negative      |         | NEGATIVE                      | Diazo reagent                              |
| Urobilinogen                            | Normal        | E units | Normal (0.3 - 1.0)            | Para-dimethyl amino benzaldehyde           |
| <b>Microscopic Examination</b>          |               |         |                               |                                            |
| Epithelial Cells                        | 3 - 4         | /hpf    | ABSENT                        | microscopy                                 |
| Pus Cells                               | 2 - 4         | /hpf    | ABSENT                        |                                            |
| RBCs                                    | Nil           | /hpf    | 0-3                           | microscopy                                 |
| Others                                  | Nil.          |         |                               |                                            |

\*\*\* End of Report \*\*\*  
*(Signature)*  
**DR VODALA VINAY KUMAR**  
CONSULTANT PATHOLOGIST

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**HAEMATOLOGY AND CLINICAL PATHOLOGY**

|                                          |                                    |
|------------------------------------------|------------------------------------|
| <b>Patient Name</b> : MR. MANU YADAV     | <b>UHID</b> : 8500507437           |
| <b>Age/Gender</b> : 33 Years / Male      |                                    |
| <b>Consultant</b> : Dr.GGH CONSULTANT.   | <b>Encounter no</b> : 852308024006 |
| <b>Lab Id</b> : 85232501386              |                                    |
| <b>Request D/T</b> : 02/08/2023 08:42:33 |                                    |
| <b>Collect D/T</b> : 02/08/2023 08:51:40 |                                    |
| <b>Receive D/T</b> : 02/08/2023 09:58:16 |                                    |
| <b>Report D/T</b> : 02/08/2023 10:57:54  |                                    |
| <b>Specimen</b> : urine                  | <b>Report Status</b> : FINAL       |
| <b>Referral</b> : BANK OF BARODA         |                                    |

**HAEMATOLOGY AND CLINICAL PATHOLOGY**

Mediwheel Full Body Health Check-up - Male (Below 40 Yrs)

| Test  | Result   | Units | Biological Reference Interval | Methodology |
|-------|----------|-------|-------------------------------|-------------|
| Blood | Negative |       | NEGATIVE                      |             |

\*\*\* End of Report \*\*\*

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