

## LABORATORY INVESTIGATION REPORT

**Patient Name** : Mr. P. RAJESH  
**UHID** : KHKK.268796  
**Episode** : OP  
**Ref. Doctor** : SELF  
**Address** : HYDERABAD , ,Hyderabad,Telangana ,0

**Age/Sex** : 33 Year(s) / Male  
**Order Date** : 30/03/2023 08:04  
**Mobile No** : 9030484721  
**DOB** : 01/01/1990  
**Facility** : Kamineni Health Services Private Limited

### Blood Bank

| Test                   | Result                           | Unit                        | Reference Range              |
|------------------------|----------------------------------|-----------------------------|------------------------------|
| Sample No : 08H0002589 | Collection Date : 30/03/23 08:26 | Ack Date : 30/03/2023 09:08 | Report Date : 31/03/23 11:16 |

### Blood Grouping & Rh Typing

Sample- EDTA

Blood Grouping ' AB '  
Rh Typing POSITIVE

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End of Report



**Dr.Sangepu Ravi Kiran**

MD Pathologist

RegNo: 00986

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### Hematology

| Test                   | Result                           | Unit                        | Reference Range              |
|------------------------|----------------------------------|-----------------------------|------------------------------|
| Sample No : 08H0002589 | Collection Date : 30/03/23 08:26 | Ack Date : 30/03/2023 09:08 | Report Date : 30/03/23 11:28 |

#### CBP (Complete Blood Picture)

Sample- EDTA

|                                      |        |               |           |
|--------------------------------------|--------|---------------|-----------|
| Hemoglobin                           | 13.2 ▼ | gm/dL         | 14.0-18.0 |
| <i>Method - Colorimetric</i>         |        |               |           |
| Packed Cell Volume (PCV)             | 39.7   | Vol%          | 37 - 54   |
| <i>Method - Electrical Impedence</i> |        |               |           |
| RBC Count                            | 4.72   | Million/cu mm | 3.5 - 5.5 |
| <i>Method - Electrical Impedence</i> |        |               |           |
| RDW                                  | 13.1   | %             | 12-17     |
| <i>Method - Calculation</i>          |        |               |           |
| WBC Count                            | 6.06   | cells/cum m   | 4 - 11    |
| <i>Method - Electrical Impedence</i> |        |               |           |
| Neutrophils                          | 65.3   | %             | 40-80     |
| Lymphocytes                          | 27.6   | %             | 20-40     |
| Monocytes                            | 4.8    | %             | 2-10      |
| Eosinophils                          | 1.7    | %             | 1-6       |
| Basophils                            | 0.6    | %             | 0-2       |
| Platelet Count                       | 203    | /Cumm         | 150 - 450 |

RBC MORPHOLOGY

Normocytic Normchromic

WBC MORPHOLOGY

Within Normal Limits

PLATELETS MORPHOLOGY

Adequate

#### Erythrocyte Sedimentation Rate (ESR)

Sample- Sodium Citrate Plasma

|                                      |      |       |      |
|--------------------------------------|------|-------|------|
| Erythrocyte Sedimentation Rate (ESR) | 25 ▲ | mm/hr | 0-10 |
|--------------------------------------|------|-------|------|

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End of Report

S. Ravikiran

Dr.Sangepu Ravi Kiran

MD Pathologist

RegNo: 00986

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| <b>Patient Name</b> : Mr. P. RAJESH                  | <b>Age/Sex</b> : 33 Year(s) / Male                         |
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| <b>Episode</b> : OP                                  | <b>Mobile No</b> : 9030484721                              |
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### Clinical Pathology

| Test                   | Result                           | Unit                        | Reference Range              |
|------------------------|----------------------------------|-----------------------------|------------------------------|
| Sample No : 08H0002589 | Collection Date : 30/03/23 08:26 | Ack Date : 30/03/2023 09:08 | Report Date : 30/03/23 12:28 |

#### Complete Urine Examination (CUE)

Sample- Urine

##### Physical Examination

|                               |             |    |             |
|-------------------------------|-------------|----|-------------|
| Volume                        | 20          | ml |             |
| <i>Method - Visual</i>        |             |    |             |
| Colour                        | PALE YELLOW |    |             |
| <i>Method - Visual</i>        |             |    |             |
| Appearance                    | CLEAR       |    |             |
| <i>Method - Visual</i>        |             |    |             |
| Specific Gravity              | 1.025       | -  | 1.001-1.035 |
| pH                            | 5.5         |    | 4.6 - 7     |
| <i>Method - Reagent Strip</i> |             |    |             |

##### Chemical Examination

|   |          |       |         |
|---|----------|-------|---------|
| Protein   | Nil      |       |         |
| Urine Sugar   | Nil      |       | Nil     |
| Urine For Ketones                                       | NEGATIVE |       |         |
| Bilirubin   | NEGATIVE |       | 0.1-1.0 |
| <i>Method - Modified Jendrassik &amp; Grof's Method</i> |          |       |         |
| Urobilinogen  | 0.2      | mg/dl | 0.2 - 1 |
| Leucocytes  | Nil      |       | 0-5     |
| Nitrite   | NEGATIVE |       |         |
| Bile Salts  | NEGATIVE |       |         |
| Bile Pigments   | NEGATIVE |       |         |
| Blood   | Nil      |       |         |

##### MICROSCOPIC EXAMINATION

|                                  |     |      |     |
|----------------------------------|-----|------|-----|
| Pus Cells                        | 1-2 | /HPF | 0-5 |
| <i>Method - Light Microscopy</i> |     |      |     |
| RBC                              | NIL | /HPF |     |
| Epithelial Cells                 | 1-2 | /HPF | 0-5 |
| Casts                            | NIL |      |     |
| Crystal                          | NIL |      |     |
| Others                           | NIL |      |     |

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End of Report

S. Ravikiran

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|--|--|

### Biochemistry

| Test                   | Result                           | Unit                        | Reference Range              |
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| Sample No : 08H0002589 | Collection Date : 30/03/23 08:26 | Ack Date : 30/03/2023 09:08 | Report Date : 30/03/23 10:44 |

#### Creatinine

Sample- Serum

Creatinine 1.1 mg/dl 0.6-1.5

Method - Modified Jaffe's Method

#### HbA1c - Glycosylated Hemoglobin

Sample- EDTA

HbA1c - Glycosylated Hemoglobin 5.8 %

Non Diabetic-Less than 6.5 %  
 Diabetic  
 Good control-Less than 7.5 %  
 Fair control-Less than 8.0%  
 Poor control-Greater than 8.0%

#### Liver Function Test (LFT)

Sample- Serum

Total Bilirubin 0.6 mg/dl

Adults: Up to 1.2  
 Premature:  
 <24 Hours : <6.0  
 <48 hours : <12.0  
 3- 5 Days : <15.0  
 7 Days : <15.0  
 Full Term  
 <24 Hours : <6.0  
 <48 Hours : <10.0  
 7 Days : <10.0

Method - Modified Jendrassik & Grof's Method

Direct Bilirubin(Conjugated) 0.2 mg/dl 0 - 0.2

Method - Modified Jendrassik & Grof's Method

Indirect Bilirubin (Unconjugated) 0.4 mg/dl 0 - 1.2

Method - Calculated

Aspartate Transaminase AST (SGOT) 16 U/L 5 - 40

Method - IFCC-UV

ALT - Alanine Transaminase (ALT / SGPT) 12 U/L 5 - 40

Method - IFCC-UV

Alkaline Phosphatase (ALP) 78 IU/L

<15 Years: <644  
 15-17 Years: <484  
 Adults: <54-369

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|--|--|

*Method - PNPP-DEA METHOD*

Total Protein 7.3 g/dl 6.4 - 8.3

*Method - Biuret*

Albumin 4.4 g/dl 3.4 - 4.8

*Method - BCG*

Globulin 2.90 g/dl 2.5 - 3.5

*Method - Calculated*

A:G Ratio **1.52 ▲** - 1.2 - 1.5

*Method - Calculated*

### Total Protein

*Sample- Serum*

Total Protein 7.3 g/dl 6.4-8.3

*Method - Biuret*

### Blood Urea Nitrogen (BUN)

*Sample- Serum*

Urea Nitrogen (BUN) **20.2 ▲** mg/dl 4.2 - 20

### Uric Acid

*Sample- Serum*

Uric Acid **7.1 ▲** mg/dl 3.4-7.0

*Method - Uricase Enzymatic*

### Lipid Profile

*Sample- Serum*

Cholesterol 183 mg/dl 60 - 200

*Method - CHOD-POD*

Triglycerides 71 mg/dl 60 - 150

*Method - Calculation*

HDL Cholesterol **37 ▼** mg/dl 40 - 60

*Method - Direct Enzymatic*

LDL Cholesterol **131.8 ▲** mg/dl 20 - 100

*Method - Calculation*

VLDL Cholesterol 14.2 mg/dl 5 - 30

*Method - Calculation*

Chol/HDL Ratio 4.95 -

### Glucose -Fasting + Post Prandial#

*Sample- Plasma*

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|  |     |       |  |
|--|-----|-------|--|
| Glucose - Fasting                                  | 107 | mg/dl | Normal - less than 100 mg/dL<br>Impaired Glucose Tolerance 101 to 125mg/dL<br>(Advised OGTT for further Confirmation)<br>Diabetes Melitus 126 mg/dL            |
| <i>Method - GOD-POD</i><br>Glucose - Post Prandial | 113 | mg/dl | Normal-less than 140mg/dL<br>Impaired<br>Glucose&It;br>Tolerance 141 to 199 mg/dL&It;br>(Advised OGTT for further Confirmation)?br>Diabetes Melitus >200 mg/dl |

*Method - GOD-POD*

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End of Report



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