



ಕಾರವಾರ ವೈದ್ಯಕೀಯ ವಿಜ್ಞಾನಗಳ ಸಂಸ್ಥೆ, ಕಾರವಾರ  
KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR



DEPARTMENT OF BIOCHEMISTRY / ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

|                              |                 |                         |
|------------------------------|-----------------|-------------------------|
| Name : Sanju                 | OP/IP No. 27798 | Lab Ref No. 42/S1051/24 |
| Age : 46 y Sex : Male/Female | Ward / Unit :   | Receipt No.:            |
| Specimen Received :          | Ref. Dr. :      | Date : 03/08/24         |

CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ದ ವರದಿ

| Analyte                             | Measured Value | Reference Interval                     |
|-------------------------------------|----------------|--|
| <b>Routine Chemistry</b>            |                |  |
| Glucose (FBS)                       |                | 75 - 110 mg/dl                         |
| PPBS                                |                | UPTO 140 mg/dl                         |
| RBS                                 |                | < 150 mg/dl                            |
| HbA 1c(Gly Hb) (Immunoturbidimetry) |                | Non-Diabetic (NGSP) - 4-6%             |
| HbA 1c(Gly Hb) (Nephelometry)       |                | Non-Diabetic (NGSP) - 4.6 - 6.2%       |
|                                     |                | Prediabetic/High risk : 5.7 - 6.4%     |
|                                     |                | Diabetic adult > 6.5%                  |
|                                     |                | * Good control : <7%                   |
|                                     |                | * Insufficient control : >8%           |
| Blood Urea                          | 141.6          | 15-40 mg/dl                            |
| Creatinine                          | 9.93           | 0.7- 1.4 mg/dl                         |
| Uric Acid (a)                       | 11.5           | M : 3.5 - 7.2, : F : 2.6 - 6.0 mg/dl   |
| <b>G.T.T. (Pregnancy)</b>           |                |  |
| Fasting                             |                | Up to 92 mg/dL                         |
| I hr                                |                | Up to 180 mg/dL                        |
| II hr                               |                | Up to 153 mg/dL                        |
| <b>G.T.T. (Routine)</b>             |                |  |
| Fasting                             |                | 74 - 106 mg/dL                         |
| I hr                                |                | 120 - 170 mg/dL                        |
| II hr                               |                | 70 - 120mg/dL                          |
| <b>Electrolytes</b>                 |                |  |
| Sodium                              | 141            | 135 - 145 mEq/L                        |
| Potassium                           | 4.4            | 3.5-5.0 mEq/L                          |
| Chloride                            | 109            | 95 - 108 mEq/L                         |
| Bicarbonate                         |                | 24-28 mEq/L                            |
| <b>Lipid Profile</b>                |                |  |
| Total Cholesterol                   |                | 130-250 mg/dL                          |
| Triglycerides                       |                | upto 160 mg/dL                         |
| HDL                                 |                | Male : 30 - 55, Female : 46 - 65 mg/dL |
| LDL                                 |                | 70-165 mg/dL                           |
| VLDL                                |                | 15-40 mg/dL                            |
| <b>Liver Profile</b>                |                |  |
| Bilirubin Total                     | 0.28           | 0.2-1.1 mg/dL                          |
| Bilirubin Direct                    | 0.16           | UP to 0.3 mg/dL                        |
| SGOT                                | 14.7           | 15 - 37 U/L                            |
| SGPT                                | 15.8           | 30 - 65 U/L                            |
| Alkaline Phosphatase                | -              | Children (3 - 5 yrs) : 104 - 390 IU/L  |
|                                     | 56.0           | Adults : 25 - 147 IU/L                 |
| GGT                                 | -              | M : 15 - 85 : F:5 - 55 U/L             |
| Total Protein                       | 6.16           | 6.4 - 8.3 g/dL                         |
| Albumin                             | 3.90           | 3.5 - 5.1 g/dL                         |
| A : G ratio                         | 1.72           | 1.0 - 2.3                              |

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**HEMATOLOGY & CLINICAL PATHOLOGY REPORT**

Name of Patient : Sanju ; Age/Sex : 46y/ln ; UHID : \_\_\_\_\_ ; Ward : \_\_\_\_\_  
 Unit : Dialysis ; IP/OP No.: 27798 ; Ref. Dr: \_\_\_\_\_ ; Sample ID : 51051

**COMPLETE BLOOD COUNT**

| TEST                      | RESULT | UNIT                    | BIOLOGICAL REFERENCE VALUE                     | METHOD           |
|---------------------------|--------|-------------------------|--|------------------|
| Hb %                      | 9.5    | gm/dl                   | ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3    | SLS-Hemoglobin   |
| BC count                  | 4,800  | /cu mm                  | ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4    | Flow-cytometry   |
| Neutrophil                |        | %                       | ADULT MALE: 42-74; ADULT FEMALE: 44-75         | Diff Scattergram |
| Lymphocyte                |        | %                       | ADULT MALE: 18-45; ADULT FEMALE: 18-45         | Diff Scattergram |
| Monocyte                  |        | %                       | ADULT MALE: 2-10; ADULT FEMALE: 2-9            | Diff Scattergram |
| Eosinophil                |        | %                       | ADULT: 1-8                                     | Diff Scattergram |
| Basophil                  |        | %                       | ADULT MALE: 0-1; ADULT FEMALE: 0-1             | Diff Scattergram |
| Others                    | -      |                         |  |                  |
| Platelet count            | 2.06   | lakh/cu mm              | ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2     | Flow-cytometry   |
| Hematocrit                | 28.1   | %                       | ADULT MALE: 37-51; ADULT FEMALE: 30-43         | RBC pulse height |
| MCV                       | 76.3   | fl                      | ADULT MALE: 78-97; ADULT FEMALE: 72-96         | Calculated       |
| MCH                       | 25.8   | pg                      | ADULT MALE: 26-33; ADULT FEMALE: 23-32         | Calculated       |
| MCHC                      | 33.8   | g/dl                    | ADULT MALE: 31-36; ADULT FEMALE: 30-35         | Calculated       |
| RDW                       | 13.9   | %                       | ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4 | RBC scattergram  |
| BC count                  | 3.68   | million/cu mm           | ADULT MALE: 4.5-5.5; ADULT FEMALE: 3.5-5.2     | Flow-cytometry   |
| ESR                       | -      | mm/1 <sup>st</sup> Hour | ADULT MALE: 2-22; ADULT FEMALE: 4-55           | Westergren       |
| Absolute Eosinophil Count | -      | /cu mm                  | ADULT: 40-440                                  | Diff Scattergram |
| Coag grouping             | -      |                         |  | Slide method     |
| Reticulocyte count        | -      |                         |  | Microscopy       |
| Clotting Time             | -      | min                     | ADULT: 2-9 minutes                             |                  |
| Bleeding Time             | -      | min                     | ADULT: 4-11 minutes                            |                  |

Note: Laboratory Test results are for the information of referring clinician only. The laboratory test results should be interpreted along with relevant clinical details.

Date : 03/08/2024

Tech Sign: [Signature]

Pathologist Sign: [Signature]