|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Patient ID | : |  | Date | : | 17-Sep-24 | |
| Patient Name | : |  | Age | : |  | Years |
| Refd. By | : |  | Sex | : |  | |
| Specimen | : | Whole Blood |  |  |  |  |

**HEMATOLOGY REPORT**

(Relevant estimations were carried out by MINDRAY BC-20s Fully Automated Hematology Analyzer Manually)&Checked.

|  |  |  |
| --- | --- | --- |
| **Test Parameter** | **Result Unit** | **Normal Range** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Hemoglobin (HB)** |  | g/dl | Male: 13 - 18, Female: 11.5 - 16.0 g/dl |
| **ESR (Westergren Method)** |  | mm/1st hr. | Male: 0 - 12, Female: 0 - 20 mm/1st hr. |
| **TOTAL WBC COUNT** |  | /cmm | Adult: 4000 – 11000, Child: 5000 – 25000/cmm |
| **DIFFERENTIAL COUNT** |  |  |  |
| Neutrophils |  | % | Child: 20 – 50, Adult: 40 -75 % |
| Lymphocytes |  | % | Child: 40 – 75, Adult: 20 – 45 % |
| Monocytes |  | % | 02 -08 % |
| Eosinophils |  | % | 01 – 06 % |
| Basophils | 00 | % | 0 – 1 % |
| **Total Cir. Eosinophil Count** |  | /cmm | 50 – 450 /cmm |
| **PLATELET COUNT** |  | /cmm | 1,50,000 – 4,00,000 /cmm |
| MPV | 9.0 | fl | 7.0 – 11.0 fl |
| PDW | 15.2 | % | 10 – 18 % |
| PCT | 0.268 | % | 0.1 – 0.2 % |
| **TOTAL RBC COUNT** |  | m/µl | Male: 4.5 – 6.5, Female: 3.8 – 5.8 m/µl |
| HCT/PCV |  | % | Male: 40 – 54 %, Female: 37 – 47 % |
| MCV |  | fl | 76 – 94 fl |
| MCH |  | pg | 27 – 32 pg |
| MCHC |  | gm/dl | 29 – 34 gm/dl |
| RDW-CV | 12.7 | % | 10 – 16 % |
| RDW-SD | 41.1 | fl | 35.0 – 56.0 fl |
| Bleeding Time (BT) |  |  | 2 – 7 min |
| Clotting Time (CT) |  |  | 4 – 11 min |