|  |  |  |
| --- | --- | --- |
| **TEST** | **RESULT** | **NORMAL REF. RANGE** |
| **RBC/** | 3.92 10^6 | **4.00 – 5.30** |
| **Hct** | **36%** | **37 – 47** |
| **Hb** | **12.1 g/dL** | **12 – 16** |
| **MCV** | **92 fL** | **78 – 98** |
| **MCHC** | **33.6 g/dL** | **32 – 36** |
| **WBC/** | **7800** | 4000 - 10000 |
| Poly.Neutrophils % | **60** | **45 – 70** |
| Poly.Eosinophils % | **4** | **1 – 5** |
| Poly.Basophils % | **0** | **0 – 1** |
| Lymphocytes % | **24** | **20 – 45** |
| Monocytes % | **12** | **2 – 10** |
| **Platelets/** | **246,000** | **0 – 5** |
| **ESR per hour** | **95mm** | 150,000 – 450,000 |
| **Random Glucose** | **81 mg/dl** | **70 – 110** |
| **Urea** | **13 mg/dl** | **12 – 50** |
| **Creatinine** | **0.61 mg/dl** | **0.5 – 1.2** |
| **Calcium** | **10.2 mg/dl** | **8.1 – 10.8** |
| **Direct Bilirubin** | **5.75 mg/dl** | **0 – 0.5** |
| **Total Bilirubin** | **8.5 mg/dl** | **0 – 1.5** |
| **Total Protein** | **7.2 g/dl** | **6.4 – 8.3** |
| **Albumin** | **3.5 g/dl** | **3.8 – 4.8** |
| **Globulins** | **3.7 g/dl** | **2.3 – 3.4** |
| **Albumin/Globulin Ratio** | **0.95** | **1.1 – 2.0** |
| **SGOT** | **1959 U/L** | **5 – 40** |
| **SGPT** | **1730 U/L** | **5 – 40** |
| **Alkaline Phosphatase** | **300 U/L** | **30 – 120** |
| **GGT** | **209 U/L** | **5 – 42** |
| **Amylase** | **63 U/L** | **<100** |
| **Lipase** | **26 U/L** | **0 – 60** |
| **C-Reactive Protein (CRP)** | **28.1 mg/L** | **<5.0 mg/L** |
| **Urinalysis** | | |
| **Appearnce** | **Cloudy** |  |
| **Color** | **Yellow - Green** |  |
| **Density** | **1030** | **1005 - 1030** |
| **PH** | **5.0** | **4.6 – 7.8** |
| **Proteins** | **+** | **<120 mg/L** |
| **Glucose** | **None** |  |
| **Ketone Bodies** | **None** |  |
| **Bile Salts** | **+** |  |
| **Bile Pigments** | **++** |  |
| **Nitrites** | **+** |  |
| **RBC/field** | **2-4** |  |
| **WBC/field** | **6-8** |  |
| **Epithelial Cells** | **++** |  |
| **Mucus** | **Presence** |  |
| **Casts** | **None** |  |
| **Crystals** | **None** |  |
| **Bacteria** | **Noted Bacteria** |  |

[Figure 2] Patients Labs upon latest Presentation, fourth flare up