|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | 16/12/2019 | Collected | 10/12/2019 10:48:25AM | |
| Name | Pooja | Lab No. | L456 |  |
| Gender | Female | Ref By | Dr. Swami |  |
| Age | 21 | Report Status | Final |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **COMPLETE BLOOD COUNT (CBC)** | | | |
| Haemoglobin | 13.5 | Gm / 100ml | 12-16.4 |
| Total WBC Count | 8500 |  | 4000-11000 |
| PCV | 42.7 | Pct. | 37-47 |
| WBV (Leucocytes) | 8000 | Per c.mm | 4000- 11000 |
| **DIFFERENTIAL COUNT** |  |  |  |
| Neutrophils | 72.5 | Pct. | 60-75 |
| Lymphocytes | 23 | Pct. | 20-30 |
| Monocytes | 4 | Pct. | 2 – 08 |
| Esoinophils | 2.5 | Pct. | 1 – 6 |
| Basophils | 0.4 | Pct. | 0-1 |
| **RBC INDICES** |  |  |  |
| RBC Count | 5.0 | Mil. / c.mm | 4.0-5.4 |
| MCV | 83 | Fl. Cu | 78-94 |
| MCH | 30 | pg | 27-32 |
| MCHC | 32 | Gms/dL pct. | 32-38 |
| RDW | 14.2 | Pct. | 12.2-16.1 |
| **MORPHOLOGY** |  |  |  |
| Reticulocytes | 1.5 | Pct. | 0.5-1.5 /0.2-2.2 |
| Color Index | 1.05 |  | 0.85-1.15 |
| Platelets | 300000 | Cu. Mm | 150000 – 450000 |
| **Erythrocyte Sedimentation Rate (ESR)** | 10.2 | Mm | 0-20 |

|  |  |  |  |
| --- | --- | --- | --- |
| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **LIPID PROFILE** | | | |
| S Cholesterol | 200 | Mgs/dL(100ml) | 150-250 |
| S HDL | 60 | Mgs/dL(100ml) | 40-70 |
| S LDL | 70.7 | Mgs/dL(100ml) | 60-160 |
| S VLDL | 14.3 | Mgs/dL(100ml) | 3-35 |
| S Triglycerides | 62.3 | Mgs/dL(100ml) | 60-150 |
| Total Cholesterol / HDL | 2.8 | Mgs/dL(100ml) | < 4.5 |

|  |  |  |  |
| --- | --- | --- | --- |
| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **SERUM ELECTROLYTES** | | | |
| S Sodium | 126 | M Eq/L | 135-145 |
| S Potassium | 4.2 | M Eq/L | 3.5 –5.5 |
| S Chlorides | 105 | M Eq/L | 96-106 |
| S Magnesium | 1 | M Eq/dL | 1.7-2.2 |
| S Calcium | 8.78 | M Eq/dL | 9-10.6 |
| S Phosphorus | 4.7 | M Eq/dL | 2.5-4.8 |
| S Amylase | 29.8 | U/L | 23-85 |
| S Acid Phosphates | 2 | KA units | 1 – 4 |
| Prostatis fraction | 0.9 | KA units | 0-0.8 |
| S Proteins total | 7.5 | Gms. Pct. | 6 – 8 |
| Albumin | 4 | Gms. Pct. | 3.5 - 5.6 |
| Globulin | 2.2 | Gms. Pct. | 1.3 – 3.2 |

|  |  |  |  |
| --- | --- | --- | --- |
| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **GLUCOSE TEST** | | | |
| Fasting Blood Sugar | 120 | Mg/dL | <120 |
| Post Prandial (PP) Blood Sugar | 90 | Mg/dL | <120 |
| Blood-Glucose Level Maximum Value | 125 | Mg/dL | <160 |
| Glycosylated Haemoglobin | 5.8 | Pct. | 4.2-7.6 |

|  |  |  |  |
| --- | --- | --- | --- |
| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **KIDNEY TEST** | | | |
| Blood Urea | 32 | Mg/dL | 0-40 |
| Blood Urea Nitrogen | 6.3 | Mg/dL | 0-18 |
| Serum Uric acid | 5.0 | Mg/dL | 3-5.7 |
| Serum Creatinine | 0.5 | Mg/dL | 0.5 – 1.4 |
| Routine urine for albumin | Nil |  | Nil |
| 24 hours albumin in the urine | 150 | Mg/24 hours | 150 |

|  |  |  |  |
| --- | --- | --- | --- |
| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **WIDAL TEST** | | | |
| Salmonella typhi O | 0.0123 | 1/cell | >=0.0125 |
| Salmonella typhi H | 0.115 | 1/cell | >=0.0083 |
| Salmonella paratyphi A H | 0.0080 | 1/cell | >=0.0125 |
| Salmonella paratyphi B H | 0.0160 | 1/cell | >=0.00625 |