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| Date | 16/12/2019 | Collected | 10/12/2019 10:48:25AM | |
| Name | Kirti | Lab No. | L456 |
| Gender | Female | Ref By | Dr. Swami |
| Age | 26 | Report Status | Final |

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| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **COMPLETE BLOOD COUNT (CBC)**  (Electrical Impedance & VCS,Photometry ) | | | |
| Hemoglobin | 14.5 | Gm / 100ml | 12-16.4 |
| Total WBC Count | 5500 |  | 4000-11000 |
| PCV | 40.7 | Pct. | 37-47 |
| WBV (Leucocytes) | 6000 | Per c.mm | 4000- 11000 |
| **DIFFERENTIAL COUNT** |  |  |  |
| Neutrophils | 74.5 | Pct. | 60-75 |
| Lymphocytes | 26 | Pct. | 20-30 |
| Monocytes | 3 | Pct. | 2 – 08 |
| Esoinophils | 1.5 | Pct. | 1 – 6 |
| Basophils | 0.2 | Pct. | 0-1 |
| **RBC INDICES** |  |  |  |
| RBC Count | 4.8 | Mil. / c.mm | 4.0-5.4 |
| MCV | 90 | Fl. Cu | 78-94 |
| MCH | 31.6 | pg | 27-32 |
| MCHC | 38 | Gms/dL pct. | 32-38 |
| RDW | 13.2 | 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 | 350000 | Cu. Mm | 150000 – 450000 |
| **Erythrocyte Sedimentation Rate (ESR)** | 10.2 | Mm | 0-20 |

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| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **LIPID PROFILE** | | | |
| S. Cholesterol | 150 | Mgs/dL(100ml) | 150-250 |
| S. HDL | 50 | Mgs/dL(100ml) | 40-70 |
| S. LDL | 69.7 | Mgs/dL(100ml) | 60-160 |
| S. VLDL | 13.3 | Mgs/dL(100ml) | 3-35 |
| S. Triglycerides | 60.3 | Mgs/dL(100ml) | 60-150 |
| Total Cholesterol / HDL | 2.8 | Mgs/dL(100ml) | < 4.5 |

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| **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 | 104 | M Eq/L | 96-106 |
| S. Magnesium | 2 | M Eq/dL | 1.7-2.2 |
| S. Calcium | 8.78 | M Eq/dL | 9-10.6 |
| S. Phosphorus | 3.7 | M Eq/dL | 2.5-4.8 |
| S. Amylase | 28.8 | U/L | 23-85 |
| S. Acid Phosphates | 3 | KA units | 1 – 4 |
| Prostatis fraction | 0.2 | 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 |

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| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **GLUCOSE TEST** | | | |
| Fasting Blood Sugar | 100 | Mg/dL | <120 |
| Post Prandial (PP) Blood Sugar | 90 | Mg/dL | <120 |
| Blood-Glucose Level Maximum Value | 135 | Mg/dL | <160 |
| Glycosylated Hemoglobin | 5.8 | Pct. | 4.2-7.6 |

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| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **KIDNEY TEST** | | | |
| Blood Urea | 30.2 | Mg/dL | 0-40 |
| Blood Urea Nitrogen | 4.3 | Mg/dL | 0-18 |
| Serum Uric acid | 5.6 | 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 |

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| **TestName** | **Results** | **Units** | **Bio.Ref.Interval** |
| **WIDAL TEST** | | | |
| Salmonella typhi 'O' | 1:81 |  | >=1:80 |
| Salmonella typhi 'H' | 1:125 |  | >=1:120 |
| Salmonella paratyphi A 'H' | 1:90 |  | >=1:80 |
| Salmonella paratyphi B'H' | 1:160 |  | >=1:160 |