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| **HAEMATOLOGY & CLINICAL BIOCHEMISTRY**  **LABORATORY** | | | | | | | | **LAB USE ONLY** | | | | |
| Name :  Address : | | | | Tel :  H/P  Owner : | | | | **LAB. REF. NO.** | | | **RECEIVED** | |
|  | | | Date : | |
| Time : | |
| Species :**BOVINE** | | | Breed: | |
| Case No: | | | Sex : | |
| E-mail : | | | | Patient ID : | | | Age : | |
| **Haemogram** |  | | **Result** | **Ref.** | |  | **Biochemistry** | |  | **Result** | | **Ref.** |
| Erythrocytes (RBC) | × 1012/L | |  | 5 – 10 | |  | Sodium | | mmol/L |  | | 132 – 145 |
| Haemoglobin | g/L | |  | 80 – 150 | |  | Potassium | | mmol/L |  | | 4.1 – 5.1 |
| PCV | L/L | |  | 0.24 – 0.46 | |  | Chloride | | mmol/L |  | | 85 – 105 |
| MCV | fL | |  | 40 – 60 | |  | Calcium | | mmol/L |  | | 2.2 – 2.7 |
| MCHC | g/L | |  | 300 – 360 | |  | Inorganic Phosphate | | mmol/L |  | | 1.6 – 2.9 |
| Leukocytes (WBC) | × 109/L | |  | 4.2 – 12.0 | |  | Urea | | mmol/L |  | | 1.8 – 7.1 |
| Leukocytes (Corrected) | × 109/L | |  | 4.2 – 12.0 | |  | Creatinine | | μmol/L |  | | < 176 |
| Myelocytes | × 109/L | |  | 0 | |  | Glucose | | mmol/L |  | | 2.8 – 3.9 |
| Metamyelocytes | × 109/L | |  | 0 | |  | Cholesterol | | mmol/L |  | | 1.9 – 3.9 |
| Band Neutrophils | × 109/L | |  | < 0.2 | |  | Bilirubin, Total | | μmol/L |  | | 1.7 – 27.2 |
| Seg. Neutrophils | × 109/L | |  | 0.6 – 4.0 | |  | Bilirubin, Conjugated | | μmol/L |  | | < 10.2 |
| Lymphocytes | × 109/L | |  | 2.5 – 7.5 | |  | ALT | | U/L |  | | 5 – 15 |
| Monocytes | × 109/L | |  | 0.05 – 0.8 | |  | AP (ALP) | | U/L |  | | 50 – 100 |
| Eosinophils | × 109/L | |  | 0.05 – 2.4 | |  | γ-GT | | U/L |  | | < 25 |
| Basophils | × 109/L | |  | < 0.2 | |  | Amylase | | U/L |  | |  |
| Nucleated Erythrocytes | /100WBC | |  | Rare | |  | AST | | U/L |  | | 50 – 100 |
| Reticulocytes | /100RBC | |  | 0 | |  | CK (CPK) | | U/L |  | | 50 – 200 |
| Thrombocytes | × 109/L | |  | 100 – 800 | |  | LDH | | U/L |  | | 692 – 1445 |
| Plasma Protein | g/L | |  | 60 – 80 | |  | Total Protein (Serum) | | g/L |  | | 55 – 75 |
| Icterus Index | Unit | |  | < 15 | |  | Albumin | | g/L |  | | 25 – 40 |
| Fibrinogen | g/L | |  | 1 – 6 | |  | Globulin | | g/L |  | | 27 – 45 |
| PT | sec | |  | < 55 | |  | A:G | | Unit |  | | 0.8 – 1.2 |
| APTT | sec | |  | < 64 | |  | Triglyceride, Total | | mmol/L |  | | < 0.2 |
|  |  | |  |  | |  | Lactate | | mmol/L |  | | 0.56 – 2.22 |
| Comment :  Charge : **RM** | | Date : | | | Signature :  Clinical Pathologist : | | | | | | | |

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