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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HAEMATOLOGY & CLINICAL BIOCHEMISTRY**  **LABORATORY** | | | | | | **LAB USE ONLY** | | | |
| Name :  Address : | | Tel :  H/P  Owner : | | | | **LAB. REF. NO.** | | **RECEIVED** | |
|  | | Date : | |
| Time : | |
| Species : **EQUINE** | | Breed: | |
| Case No: | | Sex : | |
| E-mail : | | Patient ID : | | Age : | |
| **Haemogram** |  | **Result** | **Ref./Note** | |  | **Biochemistry** | | **Result** | **Ref.** |
| ▪Erythrocytes (RBC) | × 1012/L |  | 6 – 12 | |  | Sodium | mmol/L |  | 132 – 144 |
| ▪Haemoglobin | g/L |  | 100 – 180 | |  | Potassium | mmol/L |  | 3.0 – 4.5 |
| PCV | L/L |  | 0.32 – 0.52 | |  | Chloride | mmol/L |  | 90 – 100 |
| MCV | fL |  | 34 – 58 | |  | Calcium | mmol/L |  | 2.2 – 3.0 |
| MCHC | g/L |  | 310 – 370 | |  | Inorganic Phosphate | mmol/L |  | 0.9 – 1.9 |
| ▪Leukocytes (WBC) | × 109/L |  | 5.5 – 12.5 | |  | Urea | mmol/L |  | 3.6 – 8.9 |
| Leukocytes (Corrected) | × 109/L |  | 5.5 – 12.5 | |  | Creatinine | μmol/L |  | < 176 |
| Myelocytes | × 109/L |  | 0 | |  | Glucose | mmol/L |  | 3.3 – 5.5 |
| Metamyelocytes | × 109/L |  | 0 | |  | Cholesterol | mmol/L |  | 2.9 – 5.2 |
| Band Neutrophils | × 109/L |  | < 0.2 | |  | Bilirubin, Total | μmol/L |  | 8.5 – 34.0 |
| Seg. Neutrophils | × 109/L |  | 2.7 – 6.7 | |  | Bilirubin, Conjugated | μmol/L |  | < 10.2 |
| Lymphocytes | × 109/L |  | 1.5 – 5.5 | |  | ALT | U/L |  | < 10 |
| Monocytes | × 109/L |  | 0.1 – 0.8 | |  | AP (ALP) | U/L |  | 50 – 120 |
| Eosinophils | × 109/L |  | < 0.8 | |  | γ-GT | U/L |  | 10 – 30 |
| Basophils | × 109/L |  | < 0.3 | |  | Amylase | U/L |  |  |
| Nucleated Erythrocytes | /100RBC |  | Rare | |  | AST | U/L |  | 120 – 160 |
| ▪Thrombocytes/Plaetelets (number) | × 109/L |  | 100 – 600 | |  | CK (CPK) | U/L |  | 100 – 500 |
| ▪Thrombocytes/Platelets (smear) | /hpf |  |  | |  | LDH | U/L |  | 162 - 412 |
| Plasma Protein | g/L |  | 60 – 80 | |  | Total Protein (Serum) | g/L |  | 55 – 75 |
| Icterus Index | Unit |  | < 20 | |  | Albumin | g/L |  | 25 – 35 |
| Fibrinogen | sec |  | 1 – 6 | |  | Globulin | g/L |  | 25 – 50 |
| PT | sec |  | < 19 | |  | A:G | Unit |  | 0.5 – 1.5 |
| APTT | sec |  | < 54 | |  | Triglyceride, Total | mmol/L |  | 0.1 – 0.5 |
| ▪Denotes Accredited Test method (TM302): Applicable / Not Applicable | | | | |  | Lactate | mmol/L |  | 1.11 – 1.78 |
| Comment :  Charge : **RM** | | | | Date : | Signature :  Clinical Pathologist : | | | | |

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