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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HAEMATOLOGY & CLINICAL BIOCHEMISTRY**  **LABORATORY** | | | | | | | **LAB USE ONLY** | | | |
| Name :  Address : | | | | | Tel :  H/P  Owner : | | **LAB. REF. NO.** | | **RECEIVED** | |
|  | | Date : | |
| Time : | |
| Species : **CANINE** | | Breed: | |
| Case No: | | Sex : | |
| E-mail : | | | | | Patient ID : | | Age : | |
| **Haemogram** |  | | **Result** | **Ref./Note** | |  | **Biochemistry** |  | **Result** | **Ref.** |
| ▪Erythrocytes (RBC) | x 1012/L | |  | 5.5 – 8.5 | |  | Sodium | mmol/L |  | 140 – 155 |
| ▪Haemoglobin (Hb) | g/L | |  | 120 – 180 | |  | Potassium | mmol/L |  | 3.7 – 5.5 |
| PCV | L/L | |  | 0.35-0.55 | |  | Chloride | mmol/L |  | 96 – 122 |
| MCV | fL | |  | 60 – 77 | |  | Calcium | mmol/L |  | 2.0 – 2.8 |
| MCHC | g/L | |  | 320 – 360 | |  | Inorganic Phosphate | mmol/L |  | 0.8 – 2.5 |
| ▪Leukocytes (WBC) | × 109/L | |  | 6.0 – 17.0 | |  | Urea | mmol/L |  | 3.0 – 7.5 |
| Leukocytes (Corrected) | × 109/L | |  | 6.0 – 17.0 | |  | Creatinine | μmol/L |  | 88 – 176 |
| Myelocytes | × 109/L | |  | 0 | |  | Glucose | mmol/L |  | 3.0 – 6.5 |
| Metamyelocytes | × 109/L | |  | 0 | |  | Cholesterol | mmol/L |  | 3.3 – 8.2 |
| Band Neutrophils | × 109/L | |  | < 0.3 | |  | Bilirubin, Total | μmol/L |  | 1.7 – 17.0 |
| Seg. Neutrophils | × 109/L | |  | 3.0 – 11.5 | |  | Bilirubin, Conjugated | μmol/L |  | 0 – 1.7 |
| Lymphocytes | × 109/L | |  | 1.5 – 4.8 | |  | ALT | U/L |  | 5 – 90 |
| Monocytes | × 109/L | |  | 0.2 – 1.4 | |  | AP (ALP) | U/L |  | 40 – 100 |
| Eosinophils | × 109/L | |  | 0.1 – 1.3 | |  | γ-GT | U/L |  | < 6.0 |
| Basophils | × 109/L | |  | Rare | |  | Amylase | U/L |  | < 1500 |
| Nucleated Erythrocytes | /100WBC | |  | Rare | |  | AST | U/L |  | < 60 |
| Reticulocytes | /100RBC | |  | 0.5 – 1.5 | |  | CK (CPK) | U/L |  | < 300 |
| ▪Thrombocytes/Platelets (number) | × 109/L | |  | 200 – 500 | |  | LDH | U/L |  | 45 - 233 |
| ▪Thrombocytes/Platelets (smear) | /hpf | |  |  | |  | Total Protein (Serum) | g/L |  | 55 – 75 |
| Plasma Protein | g/L | |  | 60 – 80 | |  | Albumin | g/L |  | 25 – 40 |
| Icterus Index | Unit | |  | < 10 | |  | Globulin | g/L |  | 25 – 45 |
| Fibrinogen | g/L | |  | 2 -4 | |  | A:G | Unit |  | 0.5 – 1.2 |
| PT | sec | |  | < 10 | |  | Triglyceride, Total | mmol/L |  | 0.2 – 1.3 |
| APTT | sec | |  | < 25 | |  | Lipase | U/L |  | 13 – 200 |
| ▪Denotes Accredited Test Method (TM301) : Applicable/Not Applicable | | | | | |  | FT4 | pmol/L |  | 5 – 20 |
| Comment :  Charge : **RM** | | Date : | | | | | Signature :  Clinical Pathologist : | | | |

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