

Table 5-1 (Cont). Group 2— Blood and Biochemical Values for Retired Greyhounds

| | Lording & Friend | | Steiss et al. | |
|---|-----------------------------------|----------------------------------|-----------------------------------|----------------------------------|
| | Greyhound | Canine Normals | Greyhound | Canine Normals |
| Erythrocytes cells x 10 ⁶ /μl | ↑ 7.6 ± 1.1* ↑ 7.4 - 9.0** | 7.0 ± 0.75 5.5 - 8.5 | ↑ 8.44 ± 1.22 ↑ 6.0 - 10.88 | 7.0 ± 0.75 5.5 - 8.5 |
| PCV % | ↑ 51.0 ± 7.5 55.0 - 65.0 | 46.0 ± 4.5 37.0 - 55.0 | ↑ 56.4 ± 7.2 41.4 - 64.2 | 46.0 ± 4.5 37.0 - 55.0 |
| Hemoglobin g/dl | ↑ 17.6 ± 2.5 12.6 - 22.8 | 15.0 ± 1.5 12.0 - 18.0 | ↑ 19.1 ± 2.2 14.7 - 23.5 | 15.0 ± 1.5 12.0 - 18.0 |
| WBCs cells/μl | ↓ 8,450 ± 2,425 3,600 - 13,300 | 11,500 ± 2,750 6,000 - 17,000 | ↓ 8,700 ± 2,500 3,700 - 12,700 | 11,500 ± 2,750 6,000 - 17,000 |
| Neutrophils cells/μl | ↓ 5,100 ± 1,650 | 7,200 ± 1,500 | ↓ 6,177 ± 1,305 | 7,200 ± 1,500 |
| Lymphocytes cells/μl | ↓ 2,800 ± 1,300 | 2,900 ± 950 | ↓ 1,740 ± 1,044 | 2,500 ± 750 |
| Monocytes cells/μl | ↓ 450 ± 225 | 750 ± 300 | ↓ 174 ± 87 | 750 ± 300 |
| Eosinophils cells/μl | 550 ± 225 | 675 ± 288 | 609 ± 609 | 425 ± 182 |
| Platelets cells x 10 ³ /μl | ↓ 248 ± 78 | 350 ± 75 | ↓ 171 ± 59 | 288 ± 64 |
| Sodium mmol/l | 150.0 ± 2.5 | 147.0 ± 4.5 | ↑ 155.0 ± 2.0 | 146.0 ± 2.0 |
| Potassium mmol/l | 4.0 ± 0.6 | 4.8 ± 0.5 | 5.0 ± 0.3 | 4.6 ± 0.5 |
| Chloride mmol/l | 109.0 ± 6.0 | 107.5 ± 4.0 | 115.0 ± 2.0 | 116.0 ± 3.0 |
| Calcium mmol/l | 2.25 ± 0.2 | 2.45 ± 0.2 | 9.8 ± 0.7 | 10.7 ± 0.6 |
| Phosphorus mmol/l | 1.5 ± 0.3 | 1.48 ± 0.3 | <i>Not Determined</i> | |
| BUN mmol/l | ↑ 7.0 ± 1.7 | 5.8 ± 1.0 | ↑ 22.0 ± 5.0 | 17.5 ± 3.0 |
| Creatinine mmol/l | 0.12 ± 0.02 | 0.10 ± 0.02 | ↑ 1.3 ± 0.3 | 0.25 ± 0.1 |
| Serum Protein g/dl | 6.6 ± 0.4 | 6.5 ± 0.6 | ↓ 5.8 ± 1.0 | 6.6 ± 0.6 |
| Albumin g/dl | 2.8 ± 0.3 | 3.1 ± 0.3 | ↑ 3.8 ± 1.1 | 3.0 ± 0.2 |
| Total Bilirubin mmol/l | 8.5 ± 0.03 | 8.5 ± 0.3 | ↑ 0.4 ± 0.2 | 0.2 ± 0.05 |
| Alkaline Phosphatase (AP) IU/l | 65.0 ± 28.0 | 65.0 ± 28.0 | 40.0 ± 17.0 | 35.0 ± 5.0 |
| Creatine Kinase (CK) IU/l | 225.0 ± 87.0 | 225.0 ± 87.0 | 156.0 ± 53.0 | 225.0 ± 55.0 |
| Alanine Transaminase (ALT) IU/l | 42.5 ± 0.8 | 42.5 ± 0.8 | ↑ 75.0 ± 37.0 | 42.0 ± 12.0 |

* Mean ± 1 SD

** Ranges = Mean ± 2 SD