

ANTECH[®]

D I A G N O S T I C S

800-745-4725

VIP Animal Care
ANTECH Acct No. 57252

Accession No. CHBC87360651
Received 08/19/2014
Reported 08/20/2014 02:58 AM

Doctor FLANDERS

| | | | | | | |
|-----------------|-----------------------|-------------------|----------------|----------|---------------|-----------------------|
| Owner VESTAL | Pet Name WALKABOUT | Species Canine | Breed Mixed | Sex M | Pet Age 4Y | Chart# 045-009-385 |
|-----------------|-----------------------|-------------------|----------------|----------|---------------|-----------------------|

| Superchem | | | | CBC | | | |
|----------------------|---|------------|-------|----------------|----------|------------|---------------------|
| Tests | Results | Ref. Range | Units | Tests | Results | Ref. Range | Units |
| Total Protein | 6.3 | 5.0-7.4 | g/dL | WBC | 6.4 | 4.0-15.5 | 10 ⁹ /μL |
| Albumin | 4.1 | 2.7-4.4 | g/dL | RBC | 7.2 | 4.8-9.3 | 10 ⁶ /μL |
| Globulin | 2.2 | 1.6-3.6 | g/dL | HGB | 17.1 | 12.1-20.3 | g/dL |
| A/G Ratio | 1.9 | 0.8-2.0 | | HCT | 50 | 36-60 | % |
| AST (SGOT) | 20 | 15-66 | IU/L | MCV | 70 | 58-79 | fL |
| ALT (SGPT) | 40 | 12-118 | IU/L | MCH | 23.7 | 19-28 | pg |
| Alk Phosphatase | 20 | 5-131 | IU/L | MCHC | 34 | 30-38 | g/dL |
| GGT | 8 | 1-12 | IU/L | Platelet Count | 223 | 170-400 | 10 ³ /μL |
| Total Bilirubin | 0.2 | 0.1-0.3 | mg/dL | Platelet Est | Adequate | | |
| BUN | 13 | 6-31 | mg/dL | Differential | Absolute | % | |
| Creatinine | 0.8 | 0.5-1.6 | mg/dL | Neutrophils | 4032 | 63 | 2060-10600 |
| BUN/Creatinine Ratio | 16 | 4-27 | | Bands | | 0 | /μL |
| Phosphorus | 3.2 | 2.5-6.0 | mg/dL | Lymphocytes | 1856 | 29 | 690-4500 |
| Glucose | 110 | 70-138 | mg/dL | Monocytes | 320 | 5 | 0-840 |
| Calcium | 10.4 | 8.9-11.4 | mg/dL | Eosinophils | 192 | 3 | 0-1200 |
| Magnesium | 1.7 | 1.5-2.5 | mEq/L | Basophils | 0 | 0 | 0-150 |
| Sodium | 151 | 139-154 | mEq/L | | | | |
| Potassium | 4.3 | 3.6-5.5 | mEq/L | | | | |
| Na/K Ratio | 35 | 27-38 | | | | | |
| Chloride | 119 | 102-120 | mEq/L | | | | |
| Cholesterol | 160 | 92-324 | mg/dL | | | | |
| Triglyceride | 50 | 29-291 | mg/dL | | | | |
| Amylase | 375 | 290-1125 | IU/L | | | | |
| Lipase | 89 | 77-695 | IU/L | | | | |
| CPK | 46 (LOW) | 59-895 | IU/L | | | | |
| Comment | Hemolysis 1+ No significant interference. | | | | | | |

| Test Requested | Results | Reference Range | Units |
|---------------------------------------|---------|-----------------|--------|
| TOTAL T4 | | | |
| T4 | 1.0 | 0.8-3.5 | μg/dL |
| FREE T4 (EQUILIBRIUM DIALYSIS) | | | |
| Free T4 Equilibrium Dialysis | 31.4 | 8-40 | pmol/L |
| TSH | | | |
| TSH | 0.14 | 0 - 0.60 | ng/mL |

While many dogs with primary hypothyroidism have elevated cTSH concentrations, up to one third of affected dogs have normal or low cTSH concentrations, for reasons that are unclear. In those cases where TSH concentrations are normal and hypothyroidism is still strongly suspected, consider performing a free T4 and/or thyroglobulin autoantibodies.