

TOONYA TURNER

PET OWNER: **TURNER**
 SPECIES: Canine
 BREED:
 GENDER: Female
 AGE: 1 Years
 PATIENT ID: 17047

Family Pet Health Care
 3623 Indian Hills Road
 Decatur, Alabama 35603
 256-341-0200
 ACCOUNT #: 87040
 ATTENDING VET: TRUE,DAWN

LAB ID: 4601630618
 ORDER ID: 34835883-C
 COLLECTION DATE: **6/7/18**
 DATE OF RECEIPT: **6/8/18**
 DATE OF RESULT: **6/8/18**

IDEXX Services: **Senior Profile with Heartworm -Standard CBC**

Hematology

6/8/18 (Order Received)
6/8/18 7:37 AM (Last Updated)

| TEST | RESULT | REFERENCE VALUE | |
|----------------|--------------------|-------------------------|--|
| RBC | 7.19 | 5.39 - 8.7 M/ μ L | |
| Hematocrit | 51.4 | 38.3 - 56.5 % | |
| Hemoglobin | 17.8 | 13.4 - 20.7 g/dL | |
| MCV | 71 | 59 - 76 fL | |
| MCH | 24.8 | 21.9 - 26.1 pg | |
| MCHC | 34.6 | 32.6 - 39.2 g/dL | |
| % Reticulocyte | 1.3 | % | |
| Reticulocyte | 93 | 10 - 110 K/ μ L | |
| WBC | 15.5 | 4.9 - 17.6 K/ μ L | |
| % Neutrophil | 65.8 | % | |
| % Lymphocyte | 25.1 | % | |
| % Monocyte | 6.0 | % | |
| % Eosinophil | 2.5 | % | |
| % Basophil | 0.6 | % | |
| Neutrophil | 10.199 | 2.94 - 12.67 K/ μ L | |
| Lymphocyte | 3.891 | 1.06 - 4.95 K/ μ L | |
| Monocyte | 0.93 | 0.13 - 1.15 K/ μ L | |
| Eosinophil | 0.388 | 0.07 - 1.49 K/ μ L | |
| Basophil | ^a 0.093 | 0 - 0.1 K/ μ L | |
| Platelet | 208 | 143 - 448 K/ μ L | |

^a AUTOMATED CBC

Chemistry

6/8/18 (Order Received)
6/8/18 7:37 AM (Last Updated)

| TEST | RESULT | REFERENCE VALUE | |
|--------------------------|-----------------|------------------|--|
| Glucose | 95 | 63 - 114 mg/dL | |
| IDEXX SDMA | ^a 10 | 0 - 14 µg/dL | |
| Creatinine | 0.7 | 0.5 - 1.5 mg/dL | |
| BUN | 22 | 9 - 31 mg/dL | |
| BUN: Creatinine Ratio | 31.4 | | |
| Phosphorus | 4.8 | 2.5 - 6.1 mg/dL | |
| Calcium | 10.4 | 8.4 - 11.8 mg/dL | |
| Sodium | 151 | 142 - 152 mmol/L | |
| Potassium | 4.2 | 4.0 - 5.4 mmol/L | |
| Na: K Ratio | 36 | 28 - 37 | |
| Chloride | 114 | 108 - 119 mmol/L | |
| TCO2 (Bicarbonate) | 21 | 13 - 27 mmol/L | |
| Anion Gap | 20 | 11 - 26 mmol/L | |
| Total Protein | 6.1 | 5.5 - 7.5 g/dL | |
| Albumin | 3.3 | 2.7 - 3.9 g/dL | |
| Globulin | 2.8 | 2.4 - 4.0 g/dL | |
| Albumin: Globulin Ratio | 1.2 | 0.7 - 1.5 | |
| ALT | 60 | 18 - 121 U/L | |
| AST | 30 | 16 - 55 U/L | |
| ALP | 52 | 5 - 160 U/L | |
| GGT | 4 | 0 - 13 U/L | |
| Bilirubin - Total | 0.1 | 0.0 - 0.3 mg/dL | |
| Bilirubin - Unconjugated | 0.0 | 0.0 - 0.2 mg/dL | |
| Bilirubin - Conjugated | <0.1 | 0.0 - 0.1 mg/dL | |
| Cholesterol | 168 | 131 - 345 mg/dL | |
| Amylase | 576 | 337 - 1,469 U/L | |
| Lipase | 302 | 138 - 755 U/L | |
| Creatine Kinase | 98 | 10 - 200 U/L | |

Chemistry (continued)

| TEST | RESULT | REFERENCE VALUE |
|-----------------|---------|-----------------|
| Hemolysis Index | b N | |
| Lipemia Index | c 1+ | |

a BOTH SDMA AND CREATININE ARE WITHIN THE REFERENCE INTERVAL which indicates kidney function is likely good. Evaluate a complete urinalysis and confirm there is no other evidence of kidney disease.

b Index of N, 1+, 2+ exhibits no significant effect on chemistry values.

c Index of N, 1+, 2+ exhibits no significant effect on chemistry values.

Urinalysis

6/8/18 (Order Received)
6/8/18 7:37 AM (Last Updated)

| TEST | RESULT | REFERENCE VALUE |
|--------------------|---------------|-----------------|
| Collection | FREE-CATCH | |
| Color | YELLOW | |
| Clarity | CLEAR | |
| Specific Gravity | 1.048 | |
| pH | 7.5 | |
| Urine Protein | a NEGATIVE | |
| Glucose | NEGATIVE | |
| Ketones | NEGATIVE | |
| Blood / Hemoglobin | NEGATIVE | |
| Bilirubin | NEGATIVE | |
| Urobilinogen | NORMAL | |
| White Blood Cells | 0-2 | 0 - 5 HPF |
| Red Blood Cells | NONE SEEN | HPF |
| Bacteria | NONE SEEN | |

Urinalysis (continued)

| TEST | RESULT | REFERENCE VALUE |
|------------------|------------|-----------------|
| Epithelial Cells | RARE (0-1) | |
| Mucus | NONE SEEN | |
| Casts | NONE SEEN | |
| Crystals | NONE SEEN | |

^a Protein test is performed and confirmed by the sulfosalicylic acid test.

Endocrinology

6/8/18 (Order Received)
6/8/18 7:37 AM (Last Updated)

| TEST | RESULT | REFERENCE VALUE |
|----------|------------------|-----------------|
| Total T4 | ^a 2.7 | 1 - 4 µg/dL |

^a Interpretive ranges:
 <1.0 Low
 1.0-4.0 Normal
 >4.0 High
 2.1-5.4 Therapeutic

Dogs with no clinical signs of hypothyroidism and results within the normal reference range are likely euthyroid. Dogs with low T4 concentrations may be hypothyroid or "euthyroid sick". Occasionally, hypothyroid dogs can have T4 concentrations that are low normal. Dogs with clinical signs of hypothyroidism and low or low normal T4 concentrations may be evaluated further by submission of free T4 and canine TSH. A high T4 concentration in a clinically normal dog is likely variation of normal; however elevations may occur secondary to thyroid autoantibodies or rarely thyroid neoplasia. For dogs on thyroid supplement, acceptable 4-6 hour post pill total T4 concentrations generally fall within the higher end or slightly above the reference range.

Serology

6/8/18 (Order Received)
6/8/18 7:37 AM (Last Updated)

| TEST | RESULT |
|----------------------------|-----------------------|
| Heartworm Antigen by ELISA | ^a NEGATIVE |

Serology (continued)

- ^a The American Heartworm Society recommends that a confirmatory test be run on all positive antigen test results prior to therapy, especially when a positive test result is unexpected. For a positive result on a Heartworm Antigen by ELISA, we recommend submission of a new sample for a second Heartworm Antigen by ELISA (test code 723) as a confirmatory test.