

**Patient Info:**

**Name:** Sparky  
**Chart No:** 2308  
**Owner:** Black  
**Doctor:** Skelso

**Species:** Canine  
**Breed:** MPOO  
**Age:** 8Y  
**Sex:** CM

**Hospital:**

VCA Columbia Animal Hospital  
 at Hickory Ridge  
 10788 Hickory Ridge Rd  
 Columbia, MD 21044  
**Antech ID:** 2501

**Lab:**

ANTECH Diagnostics  
 1111 Marcus Avenue  
 Lake Success, NY 11042  
**Reported:** 09/14/10 05:18 AM  
**Received:** 09/14/10

Accession No.	Doctor	Owner	Pet Name
<b>NYAA99414834</b>	<b>Skelso</b>	<b>Black</b>	<b>Sparky</b>
Test	Results	Adult Reference Range	L Normal H
<b>Vet Screen</b>			
Total Protein	7.2	5.0-7.4 g/dL	
Albumin	4.1	2.7-4.4 g/DL	
Globulin	3.1	1.6-3.6 g/dL	
Test run after clearing lipemia by centrifugation.			
Albumin/Globulin Ratio	1.3	0.8-2.0 RATIO	
<b>AST (SGOT)</b>	<b>91</b>	<b>15-66 U/L</b>	<b>HIGH</b>
<b>ALT (SGPT)</b>	<b>147</b>	<b>12-118 U/L</b>	<b>HIGH</b>
<b>Alkaline Phosphatase</b>	<b>4297</b>	<b>5-131 U/L</b>	<b>HIGH</b>
Verified by repeat analysis.			
Total Bilirubin	0.2	0.1-0.3 mg/dL	
Urea Nitrogen	26	6-31 mg/dL	
Creatinine	1.1	0.5-1.6 mg/dL	
BUN/Creatinine Ratio	24	4-27 RATIO	
Phosphorus	4.6	2.5-6.0 mg/dL	
<b>Glucose</b>	<b>420</b>	<b>70-138 mg/dL</b>	<b>HIGH</b>
Calcium	10.3	8.9-11.4 mg/dL	
Sodium	141	139-154 mEq/L	
Potassium	5.3	3.6-5.5 mEq/L	
Na/K Ratio	27		
<b>Chloride</b>	<b>95</b>	<b>102-120 mEq/L</b>	<b>LOW</b>
<b>Cholesterol</b>	<b>593</b>	<b>92-324 mg/dL</b>	<b>HIGH</b>
CPK	722	59-895 U/L	

**Comment**

Hemolysis 3+, the following results may be affected by this degree of hemolysis:

**-INCREASE-**

ALT may be increased by 80-90%  
 AST may be increased up to 45%  
 LDH may be increased by 2 times.  
 Total Bilirubin may be increased up to 70%  
 Potassium may be increased by 40-50%

**-DECREASED-**

Direct Bilirubin may be decreased up to 90%  
 Triglyceride may be decreased up to 25%

Accession No.		Doctor		Owner		Pet Name	
NYAA99414834		Skelso		Black		Sparky	
Test	Results	Adult Reference Range		L	Normal	H	
<b>CBC</b>							
Hemoglobin	13.9	12.1-20.3 g/dL		—		—	
Hematocrit	39.6	36-60 %		—		—	
WBC	14.4	4.0-15.5 10 <sup>3</sup> /μL		—		—	
RBC	5.68	4.8-9.3 10 <sup>6</sup> /μL		—		—	
MCV	70	58-79 fl		—		—	
MCH	24.5	19-28 pg		—		—	
MCHC	35.1	30-38 g/dl		—		—	
Platelet Count	203	170-400 10 <sup>3</sup> /μL		—		—	
Platelet Estimate	Adequate	Adequate					
<b>Differential</b>							
	<b>Absolute</b>	<b>%</b>					
Neutrophils	9216	64	2060-10600		—		—
Bands	0	0	0-300				
Lymphocytes	3024	21	690-4500		—		—
<b>Monocytes</b>	<b>1728</b>	<b>12</b>	<b>0-840</b>		<b>HIGH</b>		—
Eosinophils	432	3	0-1200		—		—
Basophils	0	0	0-150		—		—