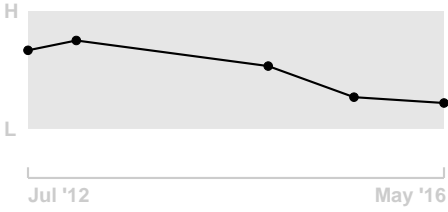


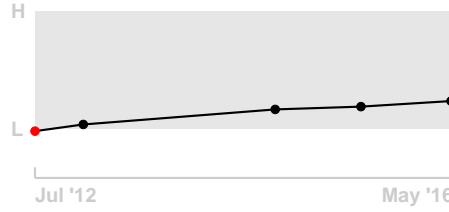
Species: **Canine**
 Breed: **Schnauzer, Miniature**
 Gender: **Female**
 Year of Birth: **2004**
 Client: **MATSCHEK (8921)**

Requisition #: **22715974-C**
 Accession #: **8000016097**
 Account Code: **19167**
 Veterinarian: **WAGNER, CORNELIA**
 Panel/Profile: **Senior Profile with Fecal O&P and Heartworm-Standard CBC**
SAMPLE/TEST INFO NEEDED

Hematocrit



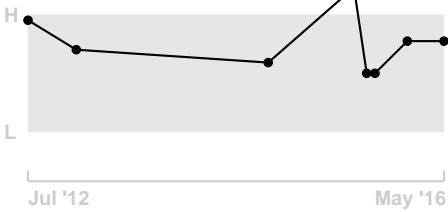
WBC



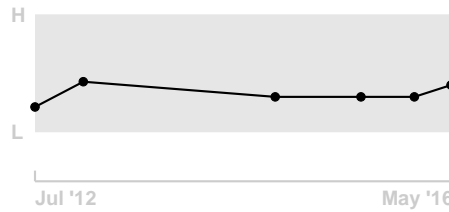
SDMA



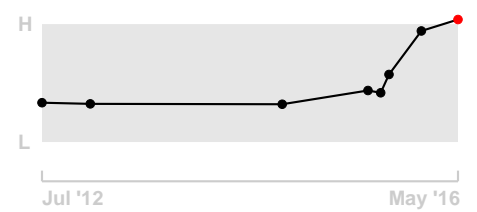
BUN



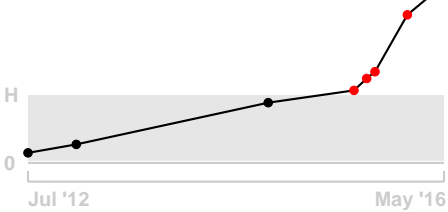
Creatinine



ALT



ALP



Hematology 

5/5/2016 (Order Received)
 5/6/2016 @ 6:46 AM (Last Updated)



7/6/2015



9/20/2014

Parameter	Value	Reference Range	Visual Scale	7/6/2015	9/20/2014
RBC	6.79	5.39 - 8.7 M/ μ L		6.87	7.31
Hematocrit	42.3	38.3 - 56.5 %		43.2	48.0
Hemoglobin	15.2	13.4 - 20.7 g/dL		16.9	17.5
MCV	62	59 - 76 fL		63	66
MCH	22.4	21.9 - 26.1 pg		24.6	23.9

Hematology (continued)

MCHC	35.9	32.6 - 39.2 g/dL		39.1	36.5
% Reticulocyte	0.3	%		0.4	0.3
Reticulocyte	20	10 - 110 K/ μ L		27	22
WBC	7.9	4.9 - 17.6 K/ μ L		7.3	7
% Neutrophil	70.5	%		69.5	63.9
% Lymphocyte	22.1	%		25.5	28.3
% Monocyte	5.3	%		2.7	5.7
% Eosinophil	2.0	%		2.3	2.0
% Basophil	0.1	%		0.0	0.1
Neutrophil	5.57	2.94 - 12.67 K/ μ L		5.074	4.473
Lymphocyte	1.746	1.06 - 4.95 K/ μ L		1.862	1.981
Monocyte	0.419	0.13 - 1.15 K/ μ L		0.197	0.399
Eosinophil	0.158	0.07 - 1.49 K/ μ L		0.168	0.14
Basophil	0.008	0 - 0.1 K/ μ L		0	0.007
Platelet	616	143 - 448 K/μL	H	635	434
Remarks	SLIDE REVIEWED MICROSCOPICALLY. NO PARASITES SEEN			SLIDE RE...	

Chemistry



5/5/2016 (Order Received)
5/6/2016 @ 6:46 AM (Last Updated)

1/2/2016

9/15/2015

Glucose	93	63 - 114 mg/dL		91	109
BUN	26	9 - 31 mg/dL		26	20
Creatinine	0.9	0.5 - 1.5 mg/dL		0.8	
SDMA ^a	12	0 - 14 μ g/dL		8	
BUN:Creatinine Ratio	28.9				
Phosphorus	3.7	2.5 - 6.1 mg/dL		4.6	
Calcium	10.4	8.4 - 11.8 mg/dL		10.6	
Sodium	148	142 - 152 mmol/L		149	
Potassium	4.5	4.0 - 5.4 mmol/L		4.7	
Na:K Ratio	33	28 - 37			
Chloride	116	108 - 119 mmol/L		111	
TCO2 (Bicarbonate)	21	13 - 27 mmol/L			
Anion Gap	16	11 - 26 mmol/L			
Total Protein	6.6	5.5 - 7.5 g/dL		7.1	6.7
Albumin	3.4	2.7 - 3.9 g/dL		3.6	3.5

Chemistry (continued)

Globulin	3.2	2.4 - 4.0 g/dL		3.5	3.2
Alb:Glob Ratio	1.1	0.7 - 1.5		1.0	1.1
ALT	125	18 - 121 U/L	H	115	77
AST	34	16 - 55 U/L			31
ALP	421	5 - 160 U/L	H	349	215
GGT	15	0 - 13 U/L	H	10	9
Bilirubin - Total	0.1	0.0 - 0.3 mg/dL		0.1	0.1
Bilirubin - Unconjugated	0.0	0.0 - 0.2 mg/dL			0.0
Bilirubin - Conjugated	<0.1	0.0 - 0.1 mg/dL			0.1
Cholesterol	220	131 - 345 mg/dL		366	275
Amylase	638	337 - 1,469 U/L		588	
Lipase	466	138 - 755 U/L			
Creatine Kinase	158	10 - 200 U/L			
Hemolysis Index	^b N			N	++
Lipemia Index	^c N			N	N

^a BOTH SDMA AND CREATININE ARE WITHIN THE REFERENCE INTERVAL which indicates kidney function is likely good. If SDMA and/or creatinine is at the upper end of the reference interval, early kidney disease cannot be ruled out. Evaluate a complete urinalysis to 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.

Endocrinology



5/5/2016 (Order Received)
5/6/2016 @ 6:46 AM (Last Updated)

7/6/2015 9/20/2014

Total T4	^a 1.8	1 - 4 µg/dL		1.6	1.6
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^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

Endocrinology (continued)

thyroid supplement, acceptable 4-6 hour post pill total T4 concentrations generally fall within the higher end or slightly above the reference range.

Serology 



5/5/2016 (Order Received)
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7/6/2015

Heartworm Antigen by ELISA ^a **NEGATIVE**

NEGATIVE

^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.

Parasitology 



5/5/2016 (Order Received)
5/6/2016 @ 6:46 AM (Last Updated)

7/6/2015

9/20/2014

Ova & Parasites - Zinc Sulfate Centrifugation **NO OVA OR PARASITES SEEN**
In cases of acute or chronic diarrhea in addition to a fecal floatation and antigen testing for ova and parasites consider testing for viral, bacterial and protozoal infectious agents using RealPCR (canine diarrhea panel: test code 2625; feline diarrhea panel: test code 2627).

NO OVA O... NO OVA O...

Other 

5/5/2016 (Order Received)
5/6/2016 @ 6:46 AM (Last Updated)

SAMPLE / TEST INFO NEEDED A urine specimen was not received. The remainder of requested testing has been performed. Thank You.