

## COCO SUGIYAMA

PET OWNER: **SUGIYAMA**  
 SPECIES: Canine  
 BREED: Maltese  
 GENDER: Male  
 AGE: 10 Years  
 PATIENT ID: 16053

**Silver Bluff Animal Clinic**  
 2515 S.W. 21 Avenue  
 Miami, FL 33133  
 305-859-7962  
 ACCOUNT #: 92658  
 ATTENDING VET: Sanchez, DVM, Teodoro (1)

LAB ID: 4402141392  
 ORDER ID: 123132670  
 COLLECTION DATE: **7/10/19**  
 DATE OF RECEIPT: **7/11/19**  
 DATE OF RESULT: **7/11/19**

IDEXX Services: Chem 27, Lab 4Dx® Plus Test - Canine, IDEXX CBC™, Free T4

## Hematology



**7/11/19** (Order Received)  
**7/11/19 11:19 AM** (Last Updated)

**7/18/18**

TEST	RESULT	REFERENCE VALUE		
RBC	6.98	5.39 - 8.7 M/μL		6.88
Hematocrit	47.9	38.3 - 56.5 %		45.8
Hemoglobin	16.7	13.4 - 20.7 g/dL		16.9
MCV	69	59 - 76 fL		67
MCH	23.9	21.9 - 26.1 pg		24.6
MCHC	34.9	32.6 - 39.2 g/dL		36.9
% Reticulocyte	0.7	%		0.7
Reticulocytes	49	10 - 110 K/μL		48
Reticulocyte Hemoglobin	25.2	22.3 - 29.6 pg		
WBC	9.7	4.9 - 17.6 K/μL		10.6
% Neutrophils	65.0	%		70.2
% Lymphocytes	18.1	%		17.8
% Monocytes	8.4	%		4.1
% Eosinophils	8.3	%		7.8
% Basophils	0.2	%		0.1
Neutrophils	6.305	2.94 - 12.67 K/μL		7.441
Lymphocytes	1.756	1.06 - 4.95 K/μL		1.887
Monocytes	0.815	0.13 - 1.15 K/μL		0.435
Eosinophils	0.805	0.07 - 1.49 K/μL		0.827
Basophils	<sup>a</sup> 0.019	0 - 0.1 K/μL		0.011
Platelets	282	143 - 448 K/μL		240

<sup>a</sup> AUTOMATED CBC

## Chemistry



**7/11/19** (Order Received)  
**7/11/19 11:19 AM** (Last Updated)

**7/18/18**

TEST	RESULT	REFERENCE VALUE		
Glucose	105	63 - 114 mg/dL		91
IDEXX SDMA	<sup>a</sup> 7	0 - 14 µg/dL		11
Creatinine	0.9	0.5 - 1.5 mg/dL		0.8
<b>BUN</b>	<b>33</b>	<b>9 - 31 mg/dL</b>	<b>H</b>	<b>36</b>
BUN: Creatinine Ratio	36.7			45.0
Phosphorus	3.6	2.5 - 6.1 mg/dL		3.6
Calcium	9.8	8.4 - 11.8 mg/dL		10.2
Sodium	147	142 - 152 mmol/L		148
Potassium	4.4	4.0 - 5.4 mmol/L		4.6
Na: K Ratio	33	28 - 37		32
Chloride	110	108 - 119 mmol/L		114
TCO2 (Bicarbonate)	25	13 - 27 mmol/L		26
Anion Gap	16	11 - 26 mmol/L		13
Total Protein	6.3	5.5 - 7.5 g/dL		6.3
Albumin	3.0	2.7 - 3.9 g/dL		3.0
Globulin	3.3	2.4 - 4.0 g/dL		3.3
Albumin: Globulin Ratio	0.9	0.7 - 1.5		0.9
ALT	53	18 - 121 U/L		46
AST	35	16 - 55 U/L		36
ALP	30	5 - 160 U/L		31
GGT	4	0 - 13 U/L		4
Bilirubin - Total	0.1	0.0 - 0.3 mg/dL		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	160	131 - 345 mg/dL		175
Amylase	897	337 - 1,469 U/L		595
<b>Lipase</b>	<b>137</b>	<b>138 - 755 U/L</b>	<b>L</b>	149
Creatine Kinase	89	10 - 200 U/L		79

## Chemistry (continued)

TEST	RESULT	REFERENCE VALUE	
Hemolysis Index	b N		N
Lipemia Index	c N		N

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.

## Endocrinology

7/11/19 (Order Received)  
7/11/19 11:19 AM (Last Updated)

TEST	RESULT	REFERENCE VALUE	
Free T4 (ng/dL)	2.6	0.6 - 3.7 ng/dL	<input type="text"/>
Free T4 (pmol/L)	a 33.5	7.7 - 47.6 pmol/L	<input type="text"/>

a In a dog with clinical signs of hypothyroidism, a decreased free T4 supports the diagnosis of hypothyroidism, and a normal free T4 indicates the dog is likely euthyroid.

Dogs with a significant nonthyroidal illness can have a low free T4 and it is recommended to reevaluate for hypothyroidism, if clinically indicated, once the nonthyroidal illness has resolved. If testing cannot be delayed in a sick dog, consider a free T4 by equilibrium dialysis (test code 8499; add-on 8509), or preferably a thyroid confirmation panel (free T4ED, cTSH and thyroglobulin autoantibody; test code 3017; add-on 3018) to provide additional information about the dog's thyroid status.

## Serology

7/11/19 (Order Received)  
7/11/19 11:19 AM (Last Updated)

TEST	RESULT		
Heartworm Antigen	NEGATIVE	7/18/18	7/19/17 5:29 PM
Ehrlichia canis / ewingii	NEGATIVE	NEGATIVE	Negative
Lyme (Borrelia burgdorferi)	NEGATIVE	NEGATIVE	Negative

**Serology** (continued)

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TEST	RESULT		
Anaplasma phagocytophilum / platys	<sup>a</sup> NEGATIVE	NEGATIVE	Negative

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<sup>a</sup> For more information on the diagnosis and management of Tick/Vector-borne diseases, see [www.idexx.com/4DxGuide](http://www.idexx.com/4DxGuide).