

 **MAKO LITTLE**

PET OWNER: **ALEXANDER LITTLE**  
 SPECIES: Feline  
 BREED: Siamese  
 GENDER: Neutered Male  
 AGE: 12 Years  
 PATIENT ID: 37449

**Beaches Animal Hospital**  
 2304 Queen St. E  
 Toronto, ON M4E 1G8  
 416-690-4040  
 ACCOUNT #:  
 ATTENDING VET: Jeff Odell, DVM

LAB ID:  
 ORDER ID: 37449-1408587  
 DATE OF RECEIPT: **9/28/18**  
 DATE OF RESULT: **9/28/18**

IDEXX Services: **ProCyte Dx Hematology Analyzer, Catalyst One Chemistry Analyzer, SediVue Dx Urine Sediment Analyzer, IDEXX VetLab UA Analyzer**

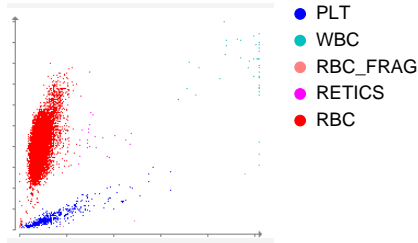
**Hematology**



**9/28/18 11:59 AM**

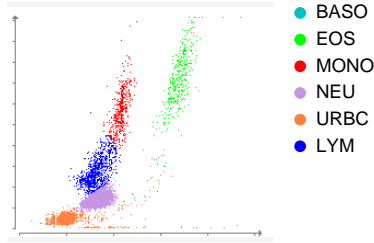
TEST	RESULT	REFERENCE VALUE	
RBC	7.49	6.54 - 12.20 x10 <sup>12</sup> /L	
Hematocrit	0.36	0.303 - 0.523 L/L	
Hemoglobin	128	98 - 162 g/L	
MCV	48.1	35.9 - 53.1 fL	
MCH	17.1	11.8 - 17.3 pg	
MCHC	356	281 - 358 g/L	
RDW	22.8	15.0 - 27.0 %	
% Reticulocyte	0.1	%	
Reticulocytes	6.7	3 - 50 K/μL	
Reticulocyte Hemoglobin	16.8	13.2 - 20.8 pg	
WBC	8.96	2.87 - 17.02 x10 <sup>9</sup> /L	
% Neutrophils	78.3	%	
% Lymphocytes	12.1	%	
% Monocytes	5.2	%	
% Eosinophils	4.2	%	
% Basophils	0.2	%	
Neutrophils	7.01	1.48 - 10.29 x10 <sup>9</sup> /L	
Lymphocytes	1.08	0.92 - 6.88 x10 <sup>9</sup> /L	
Monocytes	0.47	0.05 - 0.67 x10 <sup>9</sup> /L	
Eosinophils	0.38	0.17 - 1.57 x10 <sup>9</sup> /L	
Basophils	0.02	0.01 - 0.26 x10 <sup>9</sup> /L	
Platelets	166	151 - 600 x10 <sup>9</sup> /L	
MPV	15.9	11.4 - 21.6 fL	
Plateletcrit	0.26	0.00 - 0.79 %	

RBC Run



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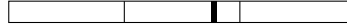


WBC Run



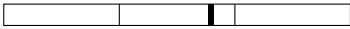
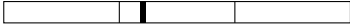




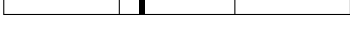
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**Chemistry** 

9/28/18 12:11 PM

TEST	RESULT	REFERENCE VALUE	
<b>Glucose</b>	<b>29.51</b>	<b>3.95 - 8.84 mmol/L</b>	H 
IDEXX SDMA	<sup>a</sup> 12	0 - 14 µg/dL	
Creatinine	173	71 - 212 µmol/L	
Urea (BUN)	7.8	5.7 - 12.9 mmol/L	
BUN: Creatinine Ratio	11		
Phosphorus	1.25	1.00 - 2.42 mmol/L	
Calcium	2.40	1.95 - 2.83 mmol/L	
Sodium	155	150 - 165 mmol/L	
Potassium	4.5	3.5 - 5.8 mmol/L	
Na: K Ratio	34		
Chloride	120	112 - 129 mmol/L	
Total Protein	81	57 - 89 g/L	
Albumin	33	23 - 39 g/L	
Globulin	47	28 - 51 g/L	
Albumin: Globulin Ratio	0.7		

**Chemistry (continued)**

TEST	RESULT	REFERENCE VALUE	
ALT	103	12 - 130 U/L	
ALP	32	14 - 111 U/L	
<b>GGT</b>	<b>5</b>	<b>0 - 4 U/L</b>	H 
Bilirubin - Total	7	0 - 15 µmol/L	
<b>Cholesterol</b>	<b>6.45</b>	<b>1.68 - 5.81 mmol/L</b>	H 
Amylase	1,150	500 - 1,500 U/L	
Lipase	327	100 - 1,400 U/L	
Osmolality	333	mmol/kg	

a SDMA:

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.

**Urinalysis**



**9/28/18**      11:53 AM      11:49 AM

TEST	RESULT
Collection	Cystocentesis
Colour	Straw
Clarity	Clear
Specific Gravity	1.034
pH	5.0
Urine Protein	1+
Glucose	4+
Ketones	neg
Blood / Hemoglobin	neg
Bilirubin	neg
Urobilinogen	norm
White Blood Cells	<1 HPF

**Urinalysis** (continued)

TEST	RESULT
Red Blood Cells	2 /HPF
Bacteria, Cocci	None to rare
Bacteria, Rods	None to rare
Squamous Epithelial Cells	None to rare
Non-Squamous Epithelial Cells	None to rare
Hyaline Casts	None to rare
Non-Hyaline Casts	None to rare
Calcium Oxalate Dihydrate Crystals	None to rare
Struvite Crystals	None to rare
Unclassified Crystals	None to rare

Images



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Consider evaluation of Urine Protein: Creatinine ratio.

**Endocrinology**



**9/28/18**      **12:11 PM**

TEST	RESULT	REFERENCE VALUE	
Total T4	<sup>a</sup> 11	10 - 60 nmol/L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"> <div style="position: absolute; left: 50%; top: -50%; transform: translate(-50%, -50%); width: 10px; height: 10px; background-color: black;"></div> </div>

**Endocrinology (continued)**

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- a Diagnostic Interpretation for TT4
- < 10 nmol/L Subnormal
  - 10 - 60 nmol/L Normal
  - 30 - 60 nmol/L Grey zone in old or symptomatic cats
  - > 60 nmol/L Consistent with hyperthyroidism
- Cats with subnormal T4 values are almost exclusively euthyroid sick or overtreated for their hyperthyroidism. Older cats with consistent clinical signs and T4 values in the grey zone may have early hyperthyroidism or a concurrent non-thyroidal illness. Hyperthyroidism may be confirmed in these cats by adding on a freeT4 (fT4) or by performing a T3 suppression test. Following treatment with methimazole, T4 values will generally fall within the lower to middle end of the reference range.