

ROSE BETH SMITH

PET OWNER: **STEPHANIE & WESLEY SMITH**
 SPECIES: Feline
 BREED:
 GENDER: Female Spayed
 AGE: 1 Years
 PATIENT ID: 8627

Sauk Point Vet Clinic
 725 N High point Rd
 Madison, Wisconsin 53717
 608-829-0055
 ACCOUNT #:
 ATTENDING VET: Kristine Collins, DVM

LAB ID:
 ORDER ID: 7141
 DATE OF RECEIPT: **6/25/20**
 DATE OF RESULT: **6/25/20**

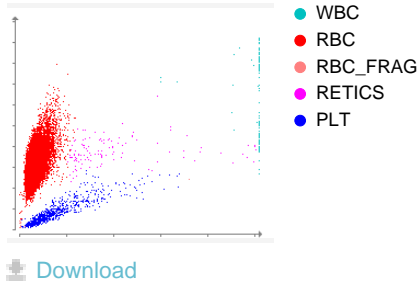
IDEXX Services: ProCyte Dx Hematology Analyzer, Catalyst One Chemistry Analyzer

Hematology

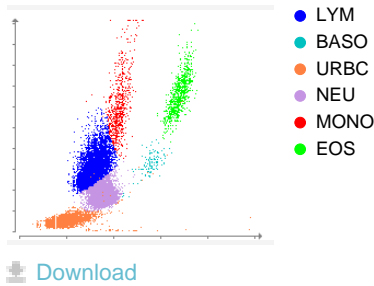


TEST	RESULT	REFERENCE VALUE		5/29/20 1:00 PM	5/15/20 10:16 AM
RBC	10.22	6.54 - 12.20 M/ μ L		10.39	9.47
Hematocrit	38.3	30.3 - 52.3 %		40.7	39.2
Hemoglobin	14.2	9.8 - 16.2 g/dL		14.1	13.9
MCV	37.5	35.9 - 53.1 fL		39.2	41.4
MCH	13.9	11.8 - 17.3 pg		13.6	14.7
MCHC	37.1	28.1 - 35.8 g/dL	H	34.6	35.5
RDW	32.1	15.0 - 27.0 %	H	27.8	24.7
% Reticulocyte	0.4	%		0.3	0.2
Reticulocytes	45.0	3.0 - 50.0 K/ μ L		27.0	15.2
Reticulocyte Hemoglobin	14.6	13.2 - 20.8 pg		14.9	14.6
WBC	27.53	2.87 - 17.02 K/μL	H	* 29.07	* 19.86
% Neutrophils	* 39.3	%		* 45.4	* 33.2
% Lymphocytes	* 53.3	%		* 47.4	* 58.5
% Monocytes	* 3.3	%		* 3.0	* 2.5
% Eosinophils	3.6	%		* 3.6	* 4.5
% Basophils	0.5	%		- ---	- ---
Neutrophils	* 10.81	2.30 - 10.29 K/μL	H	* 13.17	* 6.60
Bands	* Suspected			* Suspected	
Lymphocytes	* 14.68	0.92 - 6.88 K/μL	H	* 13.79	* 11.62
Monocytes	* 0.91	0.05 - 0.67 K/μL	H	* 0.88	* 0.50
Eosinophils	0.98	0.17 - 1.57 K/ μ L		* 1.06	* 0.89
Basophils	0.15	0.01 - 0.26 K/ μ L		- ---	- ---
Platelets	324	151 - 600 K/ μ L		* 262	* 59
MPV	18.2	11.4 - 21.6 fL		* 18.3	* 17.9
Plateletcrit	0.59	0.17 - 0.86 %		* 0.48	* 0.11

RBC Run



WBC Run



* Confirm with dot plot and/or blood film review.

Immature and/or toxic neutrophils likely present - consider active inflammation

Monocytosis - consider inflammation (if lymphopenia, consider glucocorticoid response)

Increased RDW-anisocytosis present - review blood film

Increased MCHC or MCH-consider hemolysis (including sample collection/handling), lipemia, Heinz bodies, and agglutination

Chemistry



TEST	RESULT	REFERENCE VALUE	5/29/20 1:10 PM	5/15/20 10:26 AM
Glucose	85	74 - 159 mg/dL		85
IDEXX SDMA ^a	12	0 - 14 µg/dL		13
Creatinine	1.7	0.8 - 2.4 mg/dL		2.0
BUN	31	16 - 36 mg/dL		24
BUN: Creatinine Ratio	18		16	12
Phosphorus	6.6	3.1 - 7.5 mg/dL		7.1
Calcium	9.1	7.8 - 11.3 mg/dL		9.2
Sodium	158	150 - 165 mmol/L		154

Chemistry (continued)

TEST	RESULT	REFERENCE VALUE			
Potassium	4.5	3.5 - 5.8 mmol/L		4.1	4.1
Na: K Ratio	35			38	38
Chloride	120	112 - 129 mmol/L		118	116
Total Protein	8.9	5.7 - 8.9 g/dL		9.2	8.6
Albumin	3.0	2.2 - 4.0 g/dL		3.2	2.8
Globulin	5.9	2.8 - 5.1 g/dL	H	5.9	5.8
Albumin: Globulin Ratio	0.5			0.5	0.5
ALT	113	12 - 130 U/L		122	48
ALP	76	14 - 111 U/L		39	67
GGT	20	0 - 4 U/L	H	0	0
Bilirubin - Total	0.7	0.0 - 0.9 mg/dL		1.0	0.6
Cholesterol	144	65 - 225 mg/dL		104	83
Osmolality	318	mmol/kg		318	306

^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.