



PET OWNER: **PARKS**
 PATIENT ID: 538475
 SPECIES: Canine
 BREED: BOXER
 GENDER: MALE NEUTERED
 AGE: 9Y5M1D
 MICROCHIP #: 8929488449338448

ABC VETERINARY HOSPITAL
 123 MAIN STREET
 MARKHAM, ONTARIO L3R 5V2
 905-475-7309
 ACCOUNT #: 9999
 ATTENDING VET: ROSE

LAB ID # 1081701106
 ORDER ID #: 1081701106
 COLLECTION DATE: **11/07/2018**
 DATE OF RECEIPT: **11/07/2018**
 DATE OF REPORT: **11/08/2018**
 *** FINAL REPORT ***

IDEXX SERVICES: **FGP3**

HEMATOLOGY

TEST	RESULT	REF.RANGE/UNITS
RBC	7.6	(5.4 - 8.7) x10E12/L
Hematocrit	0.48	(0.38 - 0.57) L/L
Hemoglobin	187	(134 - 207) g/L
MCV	63.4	(59.0 - 76.0) fl
MCH	24.6	(21.9 - 26.1) pg
MCHC	389.0	(326.0 - 392.0) g/L
RDW	17.6	(10.0 - 19.0)
% Reticulocyte	0.7	%
Reticulocytes ^a	53.2	(10.0 - 110.0) x10E3/ μ L
Reticulocyte Hemoglobin	24.5	(22.3 - 29.6) pg
H WBC	18.5	(4.9 - 17.6) x10E9/L
% Neutrophils	91.1	%
% Lymphocytes	3.4	%
% Monocytes	5.4	%
% Eosinophils	0.1	%
% Basophils	0.0	%
Neutrophils	16.9	(2.9 - 12.7) x10E9/L
H Lymphocytes	62.9	(1.1 - 5.0) x10E9/L
H Monocytes	99.9	(0.0 - 1.2) x10E9/L
H Eosinophils	1.9	(0.0 - 1.5) x10E9/L
Basophils	0.0	(0.0 - 0.1) x10E9/L
Platelets ^b	116.0	(143 - 448) x10E9/L

CHEMISTRY

TEST	RESULT	REF.RANGE/UNITS
Glucose	5.1	(3.5 - 6.3) mmol/L
H IDEXX SDMA ^c	60	(0 - 14) μ g/dL
H Creatinine	732	(44 - 133) μ mol/L
H Urea (BUN)	43.0	(3.2 - 11.0) mmol/L
H Phosphorus	1.9	(0.8 - 2.0) mmol/L
Calcium	2.60	(2.20 - 2.80) mmol/L
L Sodium	138	(142 - 152) mmol/L

Potassium	5.4	(4.0 - 5.4) mmol/L
L Na: K Ratio	26	(28 - 37)
L Chloride	99	(108 - 119) mmol/L
Total Protein	60	(55 - 75) g/L
Albumin	27	(27 - 39) g/L
Globulin	33	(24 - 40) g/L
Albumin: Globulin Ratio	0.8	(0.7 - 1.5)
ALT	74	(18 - 121) IU/L
H ALP	181	(5 - 160) IU/L
Hemolysis Index	+	
Icterus Index	Normal	
Lipemia Index	Normal	

URINALYSIS

TEST	RESULT	REF.RANGE/UNITS
Colour	Brown	
Clarity	Turbid	
Specific Gravity	1.018	
pH	7.0	
Urine Protein	Positive 2+	
Glucose	Negative	
Ketones	Negative	
Blood / Hemoglobin	Positive 2+	
Bilirubin	Positive 1+	
Urobilinogen	Normal	
Urine Microscopy	SEDIMENT	
	Bacteria None seen	
	RBC >50 /HPF	
	Transitional epithelial 1-5 /HPF	
	WBC >50 /HPF	
	CRYSTALS	
	Calcium oxalate dihydrate 1-5 /HPF	

ENDOCRINOLOGY

TEST	RESULT	REF.RANGE/UNITS
L Total T4	9.1	(13.0 - 53.0) nmol/L



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PARKS

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IDEXX SERVICES: **FGP3****OTHER**

CBC COMMENTS

Morphology:
WBC MORPHOLOGY
Lymphopenia Mild
Neutrophilia Mild
Toxic Neutrophils Mild
RBC MORPHOLOGY
Normal
PLT MORPHOLOGY
Clumped Platelets Mild
Normal
PLT ASSESSMENT
Platelet Count Adequate

NOTES

HEMATOLOGY

- a Degree of bone marrow response (10E3/uL):
Normal if non-anemic 110
Inadequate if anemic 110
Mild 110 - 150
Moderate 150 - 300
Marked > 300
- b Platelet clumping can artificially lower the Platelet Count. The number and size of these clumps, as well as the platelet count, are taken into consideration in the final platelet assessment.

CHEMISTRY

- c BOTH SDMA AND CREATININE ARE INCREASED which indicates kidney disease is probable and action should be taken. A complete urinalysis should be performed to evaluate for inappropriate urine specific gravity, proteinuria or other evidence of kidney disease. For information on recommended actions visit: www.idexx.com/SDMAalgorithm
Note: SDMA reference interval in puppies is 0-16 ug/dL and in kittens is 0-14 ug/dL. SDMA reference interval studies are underway for Greyhounds, and results may also be slightly higher and should be interpreted in light of other findings