



PET OWNER: **PARKS**
 PATIENT ID: 5555-1
 SPECIES: Canine
 BREED: DACHSHUND
 GENDER: FEMALE INTACT
 AGE: 7Y7M2D
 MICROCHIP #: 475867584738374

ABC VETERINARY HOSPITAL
 123 MAIN STREET
 DELTA, BRITISH COLUMBIA V3M 6M2
 555-555-5555
 ACCOUNT #: 9999
 ATTENDING VET: ROSE

LAB ID # 1081501106
 ORDER ID #: 1081501106
 COLLECTION DATE: **11/05/2018**
 DATE OF RECEIPT: **11/05/2018**
 DATE OF REPORT: **11/07/2018**
 *** FINAL REPORT ***

IDEXX SERVICES: **GERPUWI**

HEMATOLOGY

TEST	RESULT	REF. RANGE/UNITS
H RBC	9.2	(5.4 - 8.7) x10E12/L
H Hematocrit	0.60	(0.38 - 0.57) L/L
H Hemoglobin	220	(134 - 207) g/L
MCV	65.6	(59.0 - 76.0)
MCH	24.0	(21.9 - 26.1) pg
MCHC	365.0	(326.0 - 392.0) g/L
RDW	18.6	(10.0 - 19.0)
% Reticulocyte	0.6	%
Reticulocytes ^a	55.2	(10.0 - 110.0) x10E3/ μ L
Reticulocyte Hemoglobin	27.4	(22.3 - 29.6) pg
WBC	10.0	(4.9 - 17.6) x10E9/L
% Neutrophils	76.2	%
% Lymphocytes	20.3	%
% Monocytes	2.1	%
% Eosinophils	1.4	%
% Basophils	0.0	%
Neutrophils	7.6	(2.9 - 12.7) x10E9/L
Lymphocytes	2.0	(1.1 - 5.0) x10E9/L
Monocytes	0.2	(0.0 - 1.2) x10E9/L
Eosinophils	0.1	(0.0 - 1.5) x10E9/L
Basophils	0.0	(0.0 - 0.1) x10E9/L
Platelets	406.0	(143 - 448) x10E9/L

Remarks:

Morphology:
 PLT MORPHOLOGY
 No clumped platelets noted

PLT ASSESSMENT
 Platelet Count Adequate

COMMENTS
 RBC, WBC, Platelet Morphology
 Normal

CHEMISTRY

TEST	RESULT	REF. RANGE/UNITS
Glucose IDEXX	5.1	(3.5 - 6.3) mmol/L
SDMA ^b	7	(0 - 14) μ g/dL
Creatinine	63	(44 - 133) μ mol/L
Urea (BUN)	4.8	(3.2 - 11.0) mmol/L
BUN: Creatinine Ratio	19	
Phosphorus	1.3	(0.8 - 2.0) mmol/L
Calcium	2.35	(2.20 - 2.80)
Sodium	149	(142 - 152) mmol/L
Potassium	4.4	(4.0 - 5.4) mmol/L
Na: K Ratio	34	(28 - 37)
Chloride	109	(108 - 119) mmol/L
TCO2 (Bicarbonate)	25	(13 - 27) mmol/L
Anion Gap	19	(11 - 26)
Total Cations	153	mmol/L
Total Anions	134	mmol/L
Total Protein	68	(55 - 75) g/L
Albumin	36	(27 - 39) g/L
Globulin	32	(24 - 40) g/L
Albumin: Globulin Ratio	1.1	(0.7 - 1.5)
H ALT	126	(18 - 121) IU/L
AST	27	(16 - 55) IU/L
ALP	118	(5 - 160) IU/L
GGT	5	(0 - 13) IU/L
Bilirubin - Total	2.0	(0.0 - 5.1) μ mol/L
Cholesterol	6.8	(3.4 - 8.9) mmol/L
Amylase	487	(337 - 1469) IU/L
Lipase	262	(138 - 755) IU/L
Creatine Kinase	106	(10 - 200) IU/L
Osmolality	295	(278 - 306) mmol/L
Hemolysis Index	Normal	
Icterus Index	Normal	
Lipemia Index	Normal	



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IDEXX SERVICES: **GERPUWI****URINALYSIS**

TEST	RESULT	REF.RANGE/UNITS
Colour °	Yellow	
Clarity	Cloudy	
Specific Gravity	1.024	
pH	8.0	
Urine Protein	+	
Glucose	Negative	
Ketones	Negative	
Blood / Hemoglobin	++	
Bilirubin	Negative	
Urobilinogen	3.2	
Urine Microscopy	SEDIMENT	
	Bacteria: Marked Cocci >40 /HPF	
	Debris Present	
	RBC 20-30 /HPF	
	Squamous epithelial 5-10 /HPF	
	Transitional epithelial 1-5 /HPF	
	WBC >50 /HPF	
	CRYSTALS	
	Triple phosphate 1-5 /HPF	

ENDOCRINOLOGY

TEST	RESULT	REF.RANGE/UNITS
Total T4	22.5 	(13.0 - 53.0)

PATHOLOGY

Pathologist's Review

HEMATOLOGY; Hematocrit--dehydration or splenic contraction.

BIOCHEMISTRY: ALT is minor, may be normal variation.

T4 ok.

URINALYSIS; Pyuria, hematuria--rule out occult infection, uroliths, other renal/lower urinary sources of inflammation and bleeding. Culture pending.

REID DVM MVSC DACVP, AARON

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



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IDEXX SERVICES:

GERPUWI

NOTES

CHEMISTRY

b SDMA NORMAL INTERPRETATION:

If both SDMA and CREA are well within the reference interval, kidney function is likely good.

If SDMA and/or CREA are at the upper end of the reference interval, early kidney disease cannot be ruled out.

If SDMA is within the reference interval and CREA is increased, kidney disease is possible.

SDMA results may be depressed if marked hemolysis is present.

Muscular dogs with normal kidney function may have a normal SDMA and a CREA that just exceeds the reference interval.

A complete urinalysis should be performed to evaluate the urine specific gravity and for evidence of kidney disease.

URINALYSIS

c Free-catch. Pollakuria and stranguria. Radiolucent urolith on abdominal radiographs.

Urine Microbiology report to follow.

Roundworms and coccidia found on fecal exam

Frequent urination

Small urine volume received