

IDEXX VetConnect 1-888-433-9987

Client: WAGNER
 Patient: COOPER
 Species: CANINE
 Breed: AUSTRALIAN_KELP
 Gender: MALE NEUTERED
 Age: 12Y

Date: 10/07/2014
 Requisition #: 15296799
 Accession #: K0714882
 Ordered by: WAGNER,CORNELIA

HAWTHORNE VETERINARY CLINIC
 1431 SE 23RD STREET
 PORTLAND, OR 97214
 503-233-2332


Account #19167

RETICULOCYTE PANEL

Test	Result	Reference Range	Low	Normal	High
% RETICULOCYTE	0.3	%			
RETICULOCYTE	20	10 - 110 K/uL			

SENIOR PROFILE W/ HW : CHEM 27

Test	Result	Reference Range	Low	Normal	High
ALP	272	5 - 160 U/L			HIGH
ALT	883	18 - 121 U/L			HIGH
AST	165	16 - 55 U/L			HIGH
CREATINE KINASE	135	10 - 200 U/L			
GGT	16	0 - 13 U/L			HIGH
AMYLASE	665	337 - 1469 U/L			
LIPASE	422	138 - 755 U/L			
ALBUMIN	3.0	2.7 - 3.9 g/dL			
TOTAL PROTEIN	6.8	5.5 - 7.5 g/dL			
GLOBULIN	3.8	2.4 - 4.0 g/dL			
TOTAL BILIRUBIN	0.1	0.0 - 0.3 mg/dL			
BILIRUBIN - CONJUGATED	0.1	0.0 - 0.1 mg/dL			
BUN	10	9 - 31 mg/dL			
CREATININE	1.2	0.5 - 1.5 mg/dL			
CHOLESTEROL	346	131 - 345 mg/dL			HIGH
GLUCOSE	105	63 - 114 mg/dL			
CALCIUM	9.6	8.8 - 11.2 mg/dL			
PHOSPHORUS	4.1	2.5 - 6.1 mg/dL			
TCO2 (BICARBONATE)	21	13 - 27 mmol/L			
CHLORIDE	109	108 - 119 mmol/L			
POTASSIUM	4.2	4.0 - 5.4 mmol/L			
SODIUM	144	142 - 152 mmol/L			
ALB/GLOB RATIO	0.8	0.7 - 1.5			
BUN/CREATININE RATIO	8.3				
BILIRUBIN - UNCONJUGATED	0.0	0.0 - 0.2 mg/dL			
NA/K RATIO	34	28 - 37			

HEMOLYSIS INDEX +¹LIPEMIA INDEX N²ANION GAP 18 11 - 26 mmol/L **Comments:**

1. Index of N, +, ++ exhibits no significant effect on chemistry values.
2. Index of N, +, ++ exhibits no significant effect on chemistry values.

SENIOR PROFILE W/ HW : T4










Test	Result	Reference Range	Low	Normal	High
T4	0.8¹	1.0 - 4.0 ug/dL	LOW		

Comments:

1. Interpretive ranges:
 <1.0 Low
 1.0-4.0 Normal
 >4.0 High
 2.1-5.4 Therapeutic

Dogs with no clinical signs of hypothyroidism and results within the normal reference range are likely euthyroid. Dogs with low T4 concentrations may be hypothyroid or "euthyroid sick". Occasionally, hypothyroid dogs can have T4 concentrations that are low normal. Dogs with clinical signs of hypothyroidism and low or low normal T4 concentrations may be evaluated further by submission of free T4 and canine TSH. A high T4 concentration in a clinically normal dog is likely variation of normal; however elevations may occur secondary to thyroid autoantibodies or rarely thyroid neoplasia. For dogs on thyroid supplement, acceptable 4-6 hour post pill total T4 concentrations generally fall within the higher end or slightly above the reference range.

SENIOR PROFILE W/ HW : CBC STANDARD

Test	Result	Reference Range	Low	Normal	High
WBC	10.9	4.9 - 17.6 K/uL			
RBC	6.74	5.39 - 8.70 M/uL			
HGB	17.0	13.4 - 20.7 g/dL			
HCT	43.9	38.3 - 56.5 %			
MCV	65	59 - 76 fL			
MCH	25.2	21.9 - 26.1 pg			
MCHC	38.7	32.6 - 39.2 g/dL			
% RETICULOCYTE	0.3	%			
RETICULOCYTE	20	10 - 110 K/uL			
% NEUTROPHIL	95.1	%			
% LYMPHOCYTE	3.7	%			
% MONOCYTE	0.5	%			
% EOSINOPHIL	0.6	%			
% BASOPHIL	0.1	%			
AUTO PLATELET	135¹	143 - 448 K/uL	LOW		

PLATELET COMMENTS THE LOW AUTOMATED PLATELET COUNT WAS VERIFIED BY SCANNING THE BLOOD SMEAR.

REMARKS SLIDE REVIEWED MICROSCOPICALLY.
 RATIO OF BLOOD TO EDTA IS LOW. EXCESS EDTA MAY AFFECT RBC, HGB,
 HCT,
 MCV, MCH, MCHC AND CELL MORPHOLOGY.

NEUTROPHIL	10366	2940 - 12670 /uL		
LYMPHOCYTE	403	1060 - 4950 /uL	LOW	
MONOCYTE	55	130 - 1150 /uL	LOW	
EOSINOPHIL	65	70 - 1490 /uL	LOW	
BASOPHIL	11	0 - 100 /uL		

Comments:

- 1. SEE PLATELET COMMENT

SENIOR PROFILE W/ HW : HEARTWORM AG ELISA

Test	Result	Reference Range	Low	Normal	High
HEARTWORM ANTIGEN - ELISA	NEGATIVE				

SENIOR PROFILE W/ HW : URINALYSIS

Test	Result	Reference Range	Low	Normal	High
COLLECTION METHOD	FREE-CATCH				
COLOR	YELLOW				
CLARITY	CLEAR				
SPECIFIC GRAVITY	1.020				
GLUCOSE	NEGATIVE				
BILIRUBIN	NEGATIVE				
KETONES	NEGATIVE				
BLOOD	NEGATIVE				
PH	8.0				
PROTEIN	NEGATIVE				
WBC	0-2	0 - 5 HPF			
RBC	0-2	0 - 5 HPF			
BACTERIA	NONE SEEN	HPF			
EPI CELL	1+ (1-2)	HPF			
MUCUS	NONE SEEN				
CASTS	NONE SEEN	HPF			
CRYSTALS	NONE SEEN	HPF			
UROBILINOGEN	NORMAL				