

Lab No. 19544  
 Ref Number  
 Animal name Casper  
 Owner name DEITCHLEY, AMY  
 Species Canine  
 Breed Collie  
 Age 10 Years  
 Vet Mr. Pat O'Doherty  
 Practice Gilabbey Veterinary Hospital

Request date 03/06/2010  
 In lab on 03/06/2010 10:42  
 Final Report 03/06/2010 16:46  
 First reported 03/06/2010 at 16:46

BIOCHEMISTRY

Canine profile			
Total protein	55.0	g/L	(54.0 -77.0 )
Albumin	30.0	g/L	(26.0 -40.0 )
Globulin	25	g/L	(20.0 -47.0 )
Sodium	145.1	mmol/L	(139 -154 )
Potassium	4.29	mmol/L	(3.5 -6.0 )
Na:K ratio	34		(25.0 -35.0 )
Chloride	108.8	mmol/L	(99 -125 )
Total calcium	2.95	mmol/L	(2.0 -3.0 )
Phosphate	0.90	mmol/L	(0.8 -1.6 )
Urea	* 14.7	mmol/L	High (2.0 -9.0 )
Creatinine	* 277	umol/L	High (40.0 -106.0)
Alk Phos	* 29	U/L	High (0.0 -25.0 )
ALT	* 42	U/L	High (0.0 -25.0 )
GLDH	0	U/L	(0.0 -10.0 )
Total bilirubin	2	umol/L	(0 - 9.0 )
Bile acids	1	umol/L	(0 - 10.0 )
Glucose	* 6.30	mmol/L	High (2.0 -5.5 )
CK	* 193	U/L	High (0.0 -190.0)
Cholesterol	* 7.90	mmol/L	High (3.8 -7.0 )
Triglycerides	* 0.41	mmol/L	Low (0.45 -1.9 )
Amylase	* 2595	U/L	High (0.0 -1800.0)
Lipase	95	U/L	(0.0 -250.0)

HAEMATOLOGY

RBC	5.90	x10 <sup>12</sup> /L	(5.0 -8.5 )
Hb	* 10.6	g/dl	Low (12.0 -18.0 )
HCT	* 36.5	%	Low (37.0 -55.0 )
MCV	62.0	fL	(60.0 -80.0 )
MCH	* 18.0	pg	Low (19.0 -26.0 )
MCHC	* 29.1	g/dl	Low (31.5 -37.0 )
Platelets	366	x10 <sup>9</sup> /L	(160 -500 )
WBC	11.7	x10 <sup>9</sup> /L	(6.0 -15.0 )
Neutrophils	10.41	x10 <sup>9</sup> /L	(3.0 -11.5 )
Bands	0.23	x10 <sup>9</sup> /L	(0.0 -0.3 )
Lymphocytes	* 0.23	x10 <sup>9</sup> /L	Low (1.0 -4.8 )
Monocytes	0.47	x10 <sup>9</sup> /L	(0.0 -1.3 )
Eosinophils	0.35	x10 <sup>9</sup> /L	(0.0 -1.25 )
Haematologist Comment	Film confirms platelet count. scanty polychromasia. Slight Hypochromia. Anisocytosis +. Crenated cells +.		

CLINICAL COMMENTS

The mild poorly regenerative anaemia and azotaemia are consistent with your history of chronic renal failure. The amylase elevation may be secondary to the azotaemia or a concurrent pancreatitis and in the context of the history evaluation of canine PLI may be useful. The lymphopenia suggests a stress/steroid or viral influence. The remaining changes are mild and non-specific.

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David Buckeridge BVetMed (Hons), MRCVS  
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If you would like to discuss this case with a pathologist please call on our  
dedicated VLSI PATHLINE on 1890 882044

<< End of Lab Data >>