

**ANTECH DIAGNOSTICS**  
 2601 West 22nd Street Oak Brook IL 60523 Phone: 800-745-4725

**Brookville Road Animal Hosp.**  
 8049 Brookville Rd  
 Indianapolis, IN 46239  
 Tel: 317-353-6143  
 Fax: 317-322-9605

Client # 13807160  
 Chart # 12642-93

Accession No. <b>CHBC39582721</b>	Doctor CROWE	Owner <b>DEITCHLEY</b>	Pet Name CASPER	Received 01/08/2010
Species Canine	Breed Collie	Sex SF	Pet Age 9Y	Reported 01/10/2010 10:50 AM

Test Requested	Results	Reference Range	Units
<b>CULTURE &amp; MIC (URINE)</b>			
Source	Unk		
Preliminary #1	01/09/2010		
	NO GROWTH ON SOLID MEDIA IN 24 HRS.		
Final Report	01/10/2010		
	NO GROWTH ON SOLID MEDIA IN 48 HRS.		

<b>URINE MICROALBUMIN (CANINE)</b>			
Microalbuminuria	7.4 (HIGH)	<2.5	mg/dL
The result is between 2.5 and 30 mg/dl, indicating microalbuminuria (MA).			

Microalbuminuria (MA) usually indicates compromise of the glomerular barrier and is a significant finding when it is persistent (3 or more positive results obtained 2 or more weeks apart). Persistent MA, in the majority of pets, is due to primary renal disease or renal injury secondary to other systemic disease. Systemic diseases associated with persistent MA include inflammatory disease, chronic infections, metabolic disease (e.g. hypertension, Cushing's Syndrome, diabetes mellitus, hyperthyroidism) and neoplasia. False positive results may occur with pyuria and gross hematuria.

**Suggestions for evaluating patients with microalbuminuria:**

1. Check for and treat underlying diseases indicated above
2. Recheck MA in 2-4 weeks
3. In the absence of underlying disease, monitor for progression of MA and development of renal failure

**URINALYSIS (COMPLETE)**

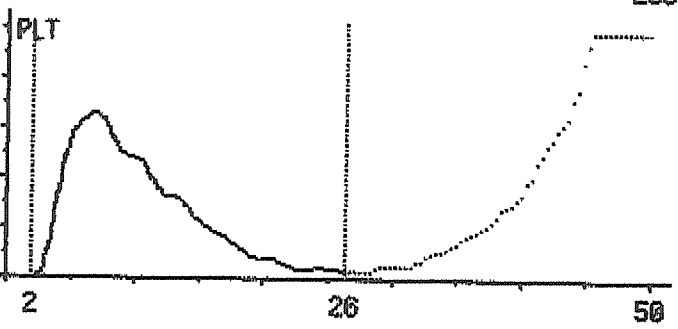
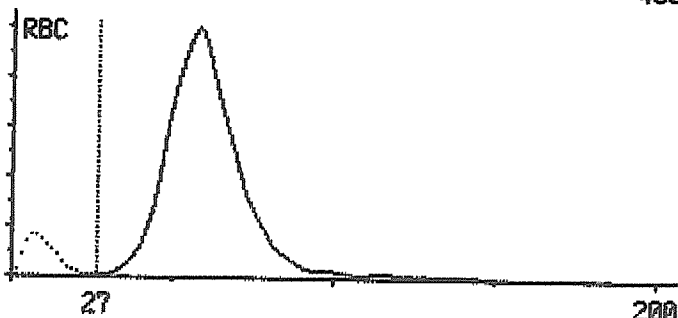
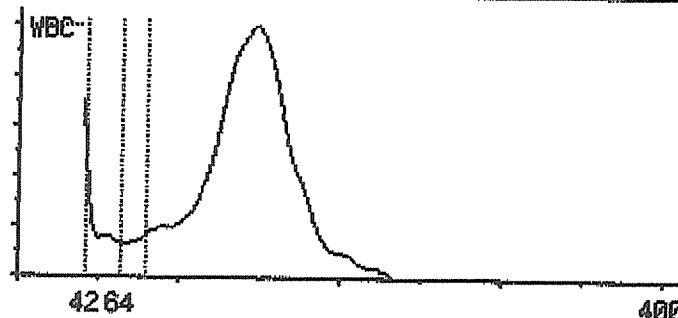
Collection Data	NOT STATED		
Color	Yellow		
Appearance	Clear		
Specific Gravity	1.008 (LOW)	1.015-1.050	
pH	7.0	5.5-7.0	
Protein	Negative	Negative	
Glucose-Strip	Negative	Negative	
Ketones	Negative	Negative	
Bilirubin	Negative	Neg To 1+	
Occult Blood	3+ (HIGH)	Negative	

Test Requested	Results	Reference Range	Units
WBC/HPF	None	0-3	HPF
RBC/HPF	2-3	0-3	HPF
Casts/LPF	None Seen	Hyaline 0-3	LPF
Crystals/HPF	None Observed		HPF
Bacteria	None Seen	None Seen	HPF
Epithelial Cells	None Seen		HPF

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Patient ID: 1264293      Doctor: Crowe  
 Name: Deitchley, "Casper"      Age/Sex: 10 years / Spayed  
 Modes: Dog      Report date: 01.07.2010      S/N: 190836  
 Test Result      Sample ID: 440      Test time: 01.07.2010 05:43PM

WBC	6.70	10 <sup>9</sup> /l	6	17
LYM	0.46	10 <sup>9</sup> /l	1	4.8
MON	0.24	10 <sup>9</sup> /l	0.2	1.5
GRA	6.00	10 <sup>9</sup> /l	3	12
LY%	6.8	%	12	30
MO%	3.6	%	2	4
GR%	89.6	%	62	87
RBC	5.47	10 <sup>12</sup> /l	5.5	6.5
HGB	12.7	g/dl	12	18
HCT	34.68	%	37	55
MCV	63	fl	60	77
MCH	23.2	pg	19.5	24.5
MCHC	36.5	g/dl	31	34
RDWc	14.4	%		
PLT	400	10 <sup>9</sup> /l	200	500
PCT	0.40	%		
MPV	10.0	fl	3.9	11.1
PDWc	38.8	%		



VETSCAN VS2  
 COMPREHENSIVE DIAGNOSTIC  
 07 JAN 2010 05:31 PH  
 SAMPLE TYPE: DOG  
 PATIENT ID: DEITCHLEY, "CAS"  
 SAMPLE ID: 1264293  
 ROTOR LOT NUMBER: 9283AA5  
 SERIAL NUMBER: 0000V03028

ALB	3.6	2.5-4.4	G/DL
ALP	25	20-150	U/L
ALT	25	10-118	U/L
AMY	1130	200-1200	U/L
TBIL	0.2	0.1-0.6	MG/DL
BUN	30 *	7-25	MG/DL
CA	12.0 *	8.6-11.0	MG/DL
PHOS	4.2	2.9-8.6	MG/DL
CRE	2.4 *	0.3-1.4	MG/DL
GLU	104	80-110	MG/DL
NA+	138	138-160	MMOL/L
K+	5.1	3.7-5.8	MMOL/L
TP	5.5	5.4-8.2	G/DL
GLOB	1.9 *	2.3-5.2	G/DL

QC OK  
 HEM 0 LIP 1+ ICT 0

Date	Normals* *at BRAH	Dec 6,2009	Dec 7,2009	Dec 14,2009	Jan 07,2010
		IVEC	IVEC	*BRAH	*BRAH
ALB	2.5-4.4 g/dL		5.8	3.9	3.6
ALP	20-150 U/L		61	41	25
ALT	10-118 U/L		19	58	25
AMY	200-1200 mg/dL	2321		1299	1130
TBILI	0.1-0.6 mg/dL		0.5	0.2	0.2
BUN	7-25 mg/dL		33	32	30
CA	8.6-11.8 mg/dL	11.2		12.6	12
PHOS	209-6.6 mg/dL	3.6		4.5	4.2
CRE	0.3-1.4 mg/dL	2.8	2.8	2.2	2.4
GLU	60-110 mg/dL	100		104	104
NA+	138-160 mmol/L	146		147	138
K+	3.7-5.8 mmol/L	4.9		4.7	5.1
TP	5.4-8.2 g/dL	5.8		6.1	5.5
GLOB	2.3-5.2 g/dL	2.5		2.2	1.9