

Cat Clinic Of Mill Valley  
ANTECH Acct No. 71075

Accession No. **SCBC05852916**  
Received 03/26/2017  
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Doctor DINNES, DAVID

Owner <b>TUCKER L</b>	Pet Name <b>JAVA</b>	Species <b>Feline</b>	Breed <b>Domestic Shorthair</b>	Sex <b>CM</b>	Pet Age <b>20Y</b>	Chart# <b>8490-1</b>
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Superchem				Complete Blood Count			
Tests	Results	Ref. Range	Units	Tests	Results	Ref. Range	Units
Total Protein	8.2	5.2-8.8	g/dL	WBC	12.8	3.5-16.0	10 <sup>3</sup> /μL
Albumin	3.6	2.5-3.9	g/dL	RBC	6.6	5.92-9.93	10 <sup>6</sup> /μL
Globulin	4.6	2.3-5.3	g/dL	HGB	9.8	9.3-15.9	g/dL
A/G Ratio	0.8	0.35-1.5		HCT	32	29-48	%
AST (SGOT)	19	10-100	IU/L	MCV	48	37-61	fL
ALT (SGPT)	31	10-100	IU/L	MCH	14.9	11-21	pg
Alk Phosphatase	39	6-102	IU/L	MCHC	31	30-38	g/dL
GGT	1	1-10	IU/L	<b>Platelet Count</b>	<b>583 (HIGH)</b>	<b>200-500</b>	<b>10<sup>3</sup>/μL</b>
Total Bilirubin	0.2	0.1-0.4	mg/dL	Platelet Estimate	Increased		
<b>BUN</b>	<b>113 (HIGH)</b>	<b>14-36</b>	<b>mg/dL</b>	<b>Differential</b>	<b>Absolute</b>	<b>%</b>	
<b>Creatinine</b>	<b>3.6 (HIGH)</b>	<b>0.6-2.4</b>	<b>mg/dL</b>	<b>Neutrophils (HIGH)</b>	<b>10624</b>	<b>83</b>	<b>2500-8500</b>
BUN/Creatinine Ratio	31	4-33		Bands	0		<b>/μL</b>
Phosphorus	5.5	2.4-8.2	mg/dL	<b>Lymphocytes (LOW)</b>	<b>1024</b>	<b>8</b>	<b>1200-8000</b>
<b>Glucose</b>	<b>316 (HIGH)</b>	<b>64-170</b>	<b>mg/dL</b>	Monocytes	256	2	<b>/μL</b>
The glucose concentration in this cat is >170 mg/dL. A				Eosinophils	896	7	<b>/μL</b>
fructosamine				Basophils	0	0	<b>/μL</b>
level may be helpful in differentiating stress hyperglycemia from							
early or sub-clinical diabetes mellitus. If you would like to add							
on							
this test please call Customer Service. Please use test code							
500016							
for this additional testing.							
Calcium	9.8	8.2-10.8	mg/dL				
Magnesium	2.4	1.5-2.5	mEq/L				
Sodium	156	145-158	mEq/L				
Potassium	3.9	3.4-5.6	mEq/L				
NA/K Ratio	40	32-41					
Chloride	117	104-128	mEq/L				
<b>Cholesterol</b>	<b>403 (HIGH)</b>	<b>75-220</b>	<b>mg/dL</b>				
Triglyceride	65	25-160	mg/dL				
<b>Amylase</b>	<b>1539 (HIGH)</b>	<b>100-1200</b>	<b>IU/L</b>				
<b>PrecisionPSL™</b>	<b>44 (HIGH)</b>	<b>8-26</b>	<b>U/L</b>				
PresisionPSL elevations correlate closely with abnormal PLI							
concentrations. In cats with appropriate clinical signs, this							
PrecisionPSL™ is supportive of, but not definitive, for a							
diagnosis of pancreatitis. In cats without clinical signs of							
pancreatitis, a mild elevation is an insignificant finding.							
CPK	197	56-529	IU/L				
Comment(s)							
Hemolysis 1+ No significant interference.							

Test Requested	Results	Reference Range	Units
<b>TOTAL T4</b>			
T4	0.8	0.8-4.0	μg/dL
<b>ADD-ON FRUCTOSAMINE</b>			
<b>FRUCTOSAMINE</b>	<b>464 (HIGH)</b>	<b>142-450</b>	<b>umol/L</b>

- - - - - INTERPRETIVE COMMENT - - - - -

Serum fructosamine concentrations correlate with average blood glucose concentrations over the previous two weeks. Fructosamine concentrations when evaluated together with clinical signs and physical examination findings are useful in assessing diabetic

Test Requested	Results	Reference Range	Units
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regulation. Abnormally high fructosamine concentrations suggest sub-optimal glycemic control. If the results of serum fructosamine concentrations, clinical signs, physical examination findings or other diagnostic tests are not consistent with good glycemic control, evaluation of serial glucose measurements is required to determine how best to adjust therapy.

Assessment of glycemic control in dogs and cats:

- <500     umol/L = Good regulation
- 500-614 umol/L = Fair regulation
- >614     umol/L = Poor regulation

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