

# PHOENIX LAB

## Excellence in Veterinary Science & Service

4338 Harbour Point Boulevard S.W. Mukilteo, WA 98275 / (800)347-0043 (425)355-5252

Client ID: 2179  
 Summitview Cowiche Veterinary Clinic  
 13555 Summitview Rd  
 Yakima, WA 98908  
 P: 509-968-4162  
 F: 1-509-678-4970

Animal Name: FRITZ  
 Owner: DEBBIE GLEASON  
 Age(§): 9 Year(s) Sex: CM  
 Species: Feline  
 Breed: DSH  
 DVM: Lust, Kenneth, DVM

Lab ID: 1609010290  
 Hospital PID:  
 Received: 09/01/2016 3:07PM  
 Reported: 09/01/2016 5:04PM

Test Ordered: CBC, Differential, Geriatric Chem Screen, Fructosamine

### Complete

Tests Ordered:

#### CBC

Final - Approved 09/01/2016 5:02PM

	In Range	Out of Range		Reference Range	Units
WBC	9.3			4.5-17.0	K/uL
RBC	9.23			6.00-10.00	M/uL
HGB		16.7	H	9.0-15.0	g/dL
HCT		47.9	H	30.0-45.0	%
MCV	51.9			39.0-55.0	fL
MCH		18.1	H	13.0-18.0	pg
MCHC	34.8			30.0-36.0	%
PLT	NR			300-800	K/uL

Platelet estimate adequate.  
 Platelets clumped.

#### Differential

Approval Date/time: 09/01/2016 5:02PM

	In Range	Out of Range		Reference Range	Units
Poly #	6670			2500-12500	/uL
Lymph #	1610			1500-7000	/uL
Mono #	360			0-850	/uL
Eos #	630			0-1500	/uL
Baso #	10			0-500	/uL
% Poly	71.9				%
% Lymph	17.4				%
% Mono	3.9				%
% Eos	6.8				%
% Baso	0.1				%

No Mycoplasma hemofelis (Hemobartonella) present.  
 Smudged RBCs due to lipemia.

Animal Name: FRITZ

Lab ID: 1609010290

Tests Ordered:

Geriatric Chem Screen

Final - Approved 09/01/2016 5:04PM

	In Range	Out of Range		Reference Range	Units
Glucose		202	H	70-125	mg/dL
BUN		40	H	10-35	mg/dL
Creatinine	1.1			1.0-2.0	mg/dL
Sodium	146			145-160	mEq/L
Potassium	4.2			4.0-5.8	mEq/L
Na/K Ratio	35			27-45	
Chloride	119			109-128	mEq/L
CO2		16	L	17-24	meq/L
Anion Gap	16			13-25	
Calcium	10.1			8.0-12.0	mg/dL
Phosphorus	4.7			3.5-6.1	mg/dL
Osmolality Calc	308			270-310	
Total Protein	7.8			6.0-8.1	g/dL
Albumin	3.4			2.6-4.0	g/dL
Globulin	4.4			2.6-5.1	g/dL
A/G Ratio	0.8			0.5-2.0	
Tot Bilirubin	0.0			0.0-0.5	mg/dL
ALP	35			10-70	U/L
GGT	0			0-8	U/L
ALT	63			5-65	U/L
AST	32			26-43	U/L
CK		644	H	50-300	U/L
Cholesterol		262	H	75-175	mg/dL
Amylase	889			500-1500	U/L
Lipase		368	H	0-200	U/L
T4	2.6			1.8-4.5	ug/dL

Sample lipemic, sample ultrafuged.

In the geriatric cat with T4 values >2.5 ug/dL, consider work up for hyperthyroidism if clinically warranted.

Fructosamine

Final - Approved 09/01/2016 5:04PM

	In Range	Out of Range		Reference Range	Units
Fructosamine		381.0	H	0.0-350.0	UMOL/L

Interpretation for glycemic control in a feline being managed for diabetes:

- Excellent (Normal) <350 umol/L
- Good 350 to 450 umol/L
- Fair 450 to 600 umol/L
- Poor >600 umol/L

Lab ID: 1609010290



STOCKTON HILL ANIMAL HOSPITAL  
4335 STOCKTON HILL RD  
KINGMAN, ARIZONA 86409-2447

Owner: GLEASON  
Patient: FRITZ  
Species: FELINE  
Breed: RUSSIAN\_BLUE  
Age: 8Y  
Gender: MN

1-888-433-9987

Account: 8609

Click the RED BANNER on  
VetConnectPLUS.com for a new view

Requisition #: 5123  
Accession #: 7900644880  
Order rec'd: 02/09/2016  
Ordered by: ANDREWS  
Reported: 02/09/2016

SENIOR SCREEN CARDIOPET FE		CHEM 25 W/ SDMA		
Test	Result	Reference Range	Flag	Bar Graph
ALP	52	(12 - 58) U/L		
SPECIMEN REQUIRED ULTRACENTRIFUGATION DUE TO GROSS LIPEMIA.				
ALT	48	(27 - 158) U/L		
AST	42	(18 - 87) U/L		
CREATINE KINASE	557	(84 - 440) U/L	H	
GGT	11	(0 - 6) U/L	H	
ALBUMIN	3.7	(2.6 - 3.8) g/dL		
TOTAL PROTEIN	7.8	(6.3 - 8.8) g/dL		
GLOBULIN	4.1	(3.0 - 5.0) g/dL		
TOTAL BILIRUBIN	0.2	(0.0 - 0.3) mg/dL		
BILIRUBIN CONJUGATED	0.1	(0.0 - 0.2) mg/dL		
BUN	28	(18 - 37) mg/dL		
CREATININE	1.9	(0.9 - 2.8) mg/dL		
CHOLESTEROL	284	(91 - 305) mg/dL		
GLUCOSE	511	(72 - 175) mg/dL	H	
RESULT VERIFIED BY REPEAT ANALYSIS				
CALCIUM	9.2	(8.2 - 11.2) mg/dL		
PHOSPHORUS	3.9	(2.9 - 8.3) mg/dL		
TCO2 (BICARBONATE)	18	(12 - 22) mmol/L		
CHLORIDE	108	(114 - 126) mmol/L	L	
POTASSIUM	4.3	(3.7 - 5.2) mmol/L		
SODIUM	143	(147 - 157) mmol/L	L	
ALB/GLOB RATIO	0.9	(0.8 - 1.2)		
BUN/CREATININE RATIO	22.3			
BILIRUBIN UNCONJUGATED	0.1	(0.0 - 0.2) mg/dL		
NA/K RATIO	33	(28 - 42)		
HEMOLYSIS INDEX	4+			
Index of 4+ may decrease ALP and GGT by >50%, and increase AST by >50%.				

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LIPEMIA INDEX	1+			
Index of N. 1+, 2+ exhibits no significant effect on chemistry values.				
ANION GAP	29	(12 - 25) mmol/L		
SDMA	7	(0 - 14) ug/dL		
BOTH SDMA AND CREATININE ARE WITHIN THE REFERENCE INTERVAL which indicates kidney function is likely good. If SDMA and/or creatinine is at the upper end of the reference interval, early kidney disease cannot be ruled out. Evaluate a complete urinalysis to confirm there is no other evidence of kidney disease.				

SENIOR SCREEN CARDIOPET FE		CARDIOPET PROBNP - FELINE		
Test	Result	Reference Range	Flag	Bar Graph
CARDIOPET PROBNP - FELINE	53	(0 - 100) pmol/L		
Cardiotest proBNP <100pmol/L Normal. NT-proBNP concentration is not compatible with increased stretch and stress on the myocardium. Clinically significant heart disease is unlikely at this time.				
Please note: Complete interpretive comments for all concentrations of Cardiotest proBNP are available in the online directory of services.				

SENIOR SCREEN CARDIOPET FE		CBC COMPREHENSIVE		
Test	Result	Reference Range	Flag	Bar Graph
WBC	11.9	(3.9 - 19.0) K/uL		
RBC	9.48	(7.12 - 11.46) M/uL		
HGB	14.8	(10.3 - 16.2) g/dL		
HCT	51.0	(28.2 - 52.7) %		
MCV	54	(39 - 56) fL		
MCH	15.8	(12.6 - 16.5) pg		
MCHC	29.0	(28.5 - 37.8) g/dL		
% RETICULOCYTE	0.4	%		
RETICULOCYTE	38	(3 - 50) K/uL		
% NEUTROPHIL	71.8	%		
% LYMPHOCYTE	14.8	%		
% MONOCYTE	5.8	%		
% EOSINOPHIL	7.4	%		
% BASOPHIL	0.1	%		
PLATELET	282	(155 - 641) K/uL		
REMARKS				
WBC AND RBC MORPHOLOGY APPEARS NORMAL. SLIDE REVIEWED MICROSCOPICALLY.				
NEUTROPHIL	8544	(2820 - 15170) /uL		
LYMPHOCYTE	1773	(850 - 5850) /uL		

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MONOCYTE	880	(40 - 530) /uL	H	<input type="checkbox"/>
EOSINOPHIL	881	(90 - 2180) /uL		<input type="checkbox"/>
BASOPHIL	12	(0 - 100) /uL		<input type="checkbox"/>

SENIOR SCREEN CARDIOPET FE		URINALYSIS		
Test	Result	Reference Range	Flag	Bar Graph
COLLECTION METHOD	FREE-CATCH			
COLOR	YELLOW			
CLARITY	CLOUDY			
SPECIFIC GRAVITY	1.040			
GLUCOSE	3+ (1000 mg/dL)			
RESULT VERIFIED BY REPEAT ANALYSIS				
BILIRUBIN	NEGATIVE			
KETONES	NEGATIVE			
BLOOD	NEGATIVE			
PH	8.5			
PROTEIN	NEGATIVE			
Protein test is performed and confirmed by the sulfosalicylic acid test.				
WBC	0-2			
RBC	0-2			
BACTERIA	NONE SEEN			
EPI CELL	NONE SEEN			
MUCUS	NONE SEEN			
CASTS	NONE SEEN			
CRYSTALS	NONE SEEN			
OTHER				
LIPID DROPLETS PRESENT				
UROBILINOGEN	NORMAL			

SENIOR SCREEN CARDIOPET FE		T4		
Test	Result	Reference Range	Flag	Bar Graph
T4	2.5	(0.8 - 4.7) ug/dL		<input type="checkbox"/>
<p>Interpretive ranges:</p> <p>&lt;0.8 Subnormal</p> <p>0.8-4.7 Normal</p> <p>2.3-4.7 Grey zone in old or symptomatic cats</p> <p>&gt;4.7 Consistent with hyperthyroidism</p> <p>Cats with subnormal T4 values are almost exclusively euthyroid sick or overtreated for their hyperthyroidism. Older cats with consistent clinical signs and T4 values in the grey zone may have early</p>				

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hyperthyroidism or a concurrent non-thyroidal illness. Hyperthyroidism may be confirmed in these cats by adding on a free T4 or by performing a T3 suppression test. Following treatment with methimazole, T4 values will generally fall within the lower end of the reference range (0.8 - 2.3).

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