

Client: Bishop, Katie (11918)  
 Patient Name: OLANOY  
 Species: Canine  
 Breed: Pointer

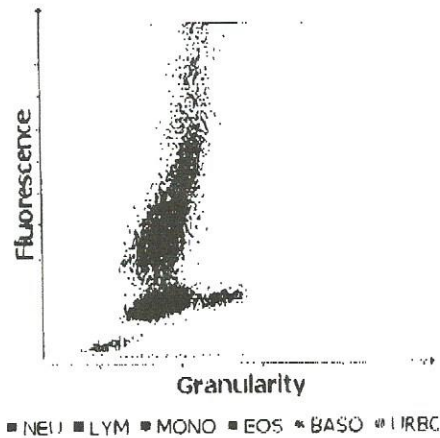
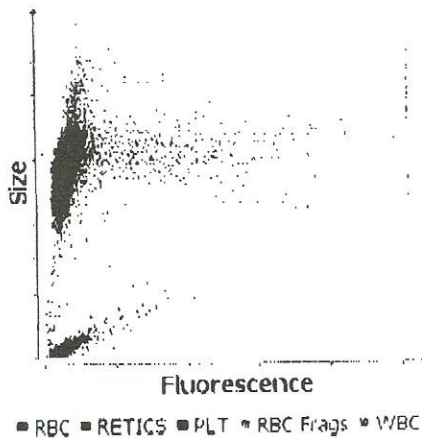
Gender:  
 Weight: 0.0 lbs  
 Age: 5 Years  
 Doctor:

*Clancy*  
 8-28-2014

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (August 28, 2014 11:59 AM)</b>					
RBC	4.32 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	29.3 %	37.3 - 61.7	LOW		
HGB	11.1 g/dL	13.1 - 20.5	LOW		
MCV	67.8 fL	61.6 - 79.5			
MCH	25.7 pg	21.2 - 25.9			
MCHC	37.9 g/dL	32.0 - 37.9			
RDW	16.2 %	13.6 - 21.7			
%RETIC	2.0 %				
RETIC	88.1 K/ $\mu$ L	10.0 - 110.0			
WBC	26.29 K/ $\mu$ L	5.05 - 16.76	HIGH		
%NEU	82.3 %				
%LYM	8.4 %				
%MONO	6.5 %				
%EOS	2.0 %				
%BASO	0.8 %				
NEU	21.64 K/ $\mu$ L	2.95 - 11.64	HIGH		
LYM	2.20 K/ $\mu$ L	1.05 - 5.10			
MONO	1.71 K/ $\mu$ L	0.16 - 1.12	HIGH		
EOS	0.52 K/ $\mu$ L	0.06 - 1.23			
BASO	0.22 K/ $\mu$ L	0.00 - 0.10	HIGH		
PLT	490 K/ $\mu$ L	148 - 484	HIGH		
MPV	7.8 fL	8.7 - 13.2	LOW		
PDW	8.5 fL	9.1 - 19.4	LOW		
PCT	0.38 %	0.14 - 0.46			

RBC Run

WBC Run



Client: Bishop, Katie (11918)  
 Patient Name: CLANCY  
 Species: Canine  
 Breed: Pointer

Gender:  
 Weight: 0.0 lbs  
 Age: 5 Years  
 Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>Catalyst Dx (August 28, 2014 12:05 PM)</b>					
GLU	90 mg/dL	74 - 143			
BUN	12 mg/dL	7 - 27			
CREA	1.0 mg/dL	0.6 - 1.8			
BUN/CREA	12				
PHOS	4.4 mg/dL	2.5 - 8.8			
CA	8.6 mg/dL	7.9 - 12.0			
TP	6.3 g/dL	5.2 - 8.2			
ALB	2.7 g/dL	2.3 - 4.0			
GLOB	3.6 g/dL	2.5 - 4.5			
ALB/GLOB	0.8				
ALT	84 U/L	10 - 100			
ALKP	42 U/L	23 - 212			
GGT	4 U/L	0 - 7			
TBIL	0.1 mg/dL	0.0 - 0.9			
CHOL	169 mg/dL	110 - 320			
AMYL	589 U/L	500 - 1500			
LIPA	464 U/L	200 - 1800			
Na	154 mmol/L	144 - 180			
K	4.2 mmol/L	3.5 - 5.8			
Na/K	37				
Cl	116 mmol/L	109 - 122			
Corr Calc	304 mmol/kg				

Clancy 2-29-2014



HOUSE SPRINGS ANIMAL CLINIC  
4561 DULIN CREEK ROAD  
HOUSE SPRINGS, MO 63051

636-671-9770

Account: 62873

Owner: BISHOP  
Patient: CLANCY  
Species: CANINE  
Breed: POINTER  
Age:  
Gender: F

Requisition #: 14942  
Accession #: H8848805  
Order rec'd: 08/29/2014  
Ordered by: STUPPY, DVM, DENIS  
Reported: 08/29/2014

1-888-433-9987

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

TICK PANEL		EHRlichia CANIS AB IFA		
Test	Result	Reference Range	Flag	Bar Graph
EHRlichia CANIS AB	NEGATIVE			
Comments:				
Interpretation:				
If your result is:		The interpretation is:		
NEGATIVE		No antibody present @ 1:25		
POSITIVE @ (titer)		Antibody present @ (titer)		
Positive samples are tested in incremental dilutions to 1:3200. Titers beyond 1:3200 are usually of limited clinical value. If you wish an endpoint titer there is an additional charge. A positive titer indicates exposure to E.canis or similar antigen but does not confirm the presence of disease. A CBC is recommended to identify abnormalities consistent with infection. If confirmation of infection is desired, Ehrlichia PCR test, code 2634 can be useful, especially in clinically sick animals.				

TICK PANEL		LYME (BORRELIOSIS) TITER		
Test	Result	Reference Range	Flag	Bar Graph
LYME (BORRELIOSIS) TITER	POSITIVE @ 1:100			
Comments:				
Interpretation:				
If your result is:		The interpretation is:		
NEGATIVE		No antibody present @ 1:100		
POSITIVE @ (titer)		Antibody present @ (titer)		
Positive samples are tested in incremental dilutions to 1:12,800. A				

BISHOP, CLANCY  
08/29/2014

*TK 00x4  
4 weeks*

FINAL REPORT - CONTINUED ON NEXT PAGE  
PAGE 1

positive titer indicates exposure to *Borrelia burgdorferi* or similar antigen but does not confirm the presence of disease. Titers may be affected by vaccination or disease. In the dog, the Lyme Quant C6 Test (test code 7246) is recommended for differentiating vaccine titers vs. natural infection.

IN DOGS, we are now recommending the new Lyme Quant C6 antibody test, code 7246, as a more accurate way to diagnose Lyme disease. This test identifies C6 antibody levels. C6 is a more sensitive and specific marker for active Lyme infection. Unlike the traditional whole cell tests like Lyme IFA or Western blot, C6 levels will decline when the dog is successfully treated.

TICK PANEL		ROCKY MOUNTAIN SPOTTED FVR		
Test	Result	Reference Range	Flag	Bar Graph
ROCKY MOUNTAIN SPOTTED FVR	POSITIVE @ 1:400			
Comments:				
Interpretation:				
If your result is:		The interpretation is:		
NEGATIVE		No antibody present @ 1:25		
POSITIVE @ (titer)		Antibody present @ (titer)		
Positive samples are tested in incremental dilutions to 1:1600. Titers beyond 1:1600 are usually of limited clinical value. If you wish an endpoint titer there is an additional charge. Singles titer of greater than or equal to 1:1024 are suggestive of active infection. Low or negative acute titers should be reevaluated in 2-3 weeks (convalescent titer).				

Client: Blehop, Katie (11918)  
 Patient Name: CLANCY  
 Species: Canine  
 Breed: Pointer

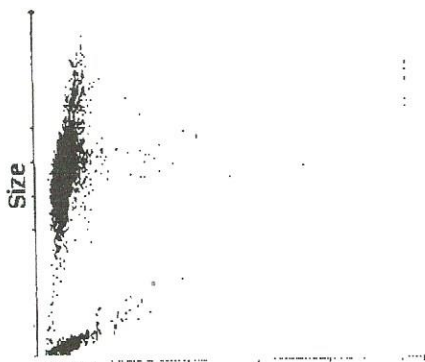
Gender: Female  
 Weight: 0.0 lbs  
 Age:  
 Doctor: Warmbrodt, John

11-3-2014

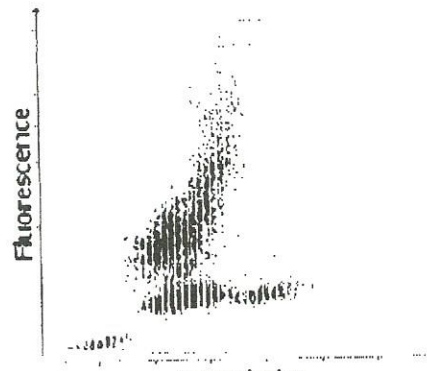
Test	Results	Reference Interval	LOW	NORMAL	HIGH
<b>ProCyte Dx (November 3, 2014 6:54 PM)</b>					
RBC	5.48 M/ $\mu$ L	5.65 - 8.87	LOW		
HCT	37.5 %	37.3 - 61.7			
HGB	13.5 g/dL	13.1 - 20.5			
MCV	68.4 fL	61.6 - 73.5			
MCH	24.6 pg	21.2 - 25.9			
MCHC	36.0 g/dL	32.0 - 37.9			
RDW	14.5 %	13.6 - 21.7			
%RETIC	0.2 %				
RETIC	13.2 K/ $\mu$ L	10.0 - 110.0			
WBC	10.96 K/ $\mu$ L	6.06 - 16.76			
%NEU	74.8 %				
%LYM	14.8 %				
%MONO	5.3 %				
%EOS	5.1 %				
%BASO	0.2 %				
NEU	8.18 K/ $\mu$ L	2.95 - 11.84			
LYM	1.62 K/ $\mu$ L	1.05 - 5.10			
MONO	0.58 K/ $\mu$ L	0.16 - 1.12			
EOS	0.56 K/ $\mu$ L	0.06 - 1.23			
BASO	0.02 K/ $\mu$ L	0.00 - 0.10			
PLT	533 K/ $\mu$ L	148 - 484	HIGH		
MPV	8.1 fL	8.7 - 13.2	LOW		
PDW	9.1 fL	9.1 - 19.4			
PCT	0.43 %	0.14 - 0.46			

RBC Run

WBC Run



■ RBC ■ RETICS ■ PLT ■ RBC Frags ■ WBC



■ NEU ■ LYM ■ MONO ■ EOS ■ BASO ■ URBC

# ANTECH<sup>®</sup>

DIAGNOSTICS

800-745-4725

1-15-2015

Dupage Animal Hospital  
ANTECH Acct No. 32604

Accession No. CHBC91449898  
Received 01/15/2015  
Reported 01/15/2015 01:57 PM

Doctor FELT

Owner: LISA  
IL BIRD DOG RESCUE  
Pet Name: CLANCY  
Species: Canine  
Breed: Pointer  
Sex: F  
Pet Age: 4Y  
Chart#: 3614B

Superchem				CBC			
Tests	Results	Ref. Range	Units	Tests	Results	Ref. Range	Units
Total Protein	5.7	5.0-7.4	g/dL	WBC	11.6	4.0-15.5	10 <sup>3</sup> /μL
Albumin	2.8	2.7-4.4	g/dL	RBC	5.3	4.8-9.3	10 <sup>6</sup> /μL
Globulin	2.9	1.6-3.6	g/dL	HGB	13.3	12.1-20.3	g/dL
A/G Ratio	1.0	0.8-2.0		HCT	39	36-60	%
AST (SGOT)	24	15-66	IU/L	MCV	74	58-79	fL
ALT (SGPT)	27	12-118	IU/L	MCH	25.2	19-28	pg
Alk Phosphatase	28	5-131	IU/L	MCHC	34	30-38	g/dL
GGT	5	1-12	IU/L	Platelet Count	<b>436 (HIGH)</b>	170-400	10 <sup>3</sup> /μL
Total Bilirubin	0.1	0.1-0.3	mg/dL	Platelet Est	Increased		
BUN	13	6-31	mg/dL	Differential	Absolute	%	
Creatinine	0.7	0.5-1.6	mg/dL	Neutrophils	9280	80	2060-10600 /μL
BUN/Creatinine Ratio	19	4-27		Bands	0	0	
Phosphorus	4.5	2.5-6.0	mg/dL	Lymphocytes	1160	10	690-4500 /μL
Glucose	117	70-138	mg/dL	Monocytes	580	5	0-840 /μL
Calcium	9.6	8.9-11.4	mg/dL	Eosinophils	580	5	0-1200 /μL
Corrected Calcium	10.3			Basophils	0	0	0-150 /μL
Magnesium	1.6	1.5-2.5	mEq/L				
Sodium	147	139-154	mEq/L				
Potassium	4.7	3.6-5.5	mEq/L				
Na/K Ratio	31	27-38					
Chloride	112	102-120	mEq/L				
Cholesterol	207	92-324	mg/dL				
Triglyceride	63	29-291	mg/dL				
Amylase	673	290-1125	IU/L				
Lipase	300	77-695	IU/L				
CPK	88	59-895	IU/L				
Comment	Hemolysis 1+ No significant interference.						

Test Requested	Results	Reference Range	Units
<b>TOTAL T4</b>			
T4	1.8	0.8-3.5	μg/dL
<b>URINALYSIS</b>			
Collection Method	Not Stated		
Color	Yellow		
Appearance	Cloudy		
Specific Gravity	1.037	1.015-1.050	
pH	6.5	5.5-7.0	
Protein	<b>3+ (HIGH)</b>	<b>Negative</b>	
Urine protein:creatinine ratio testing is recommended (if the sediment is inactive) to help determine the clinical significance of proteinuria.			
Glucose-Strip	Negative	Negative	
Ketones	Negative	Negative	
Bilirubin	1+	Neg To 1+	
Occult Blood	<b>1+ (HIGH)</b>	<b>Negative</b>	
WBC	None	0-3	HPF
RBC	<b>21-50 (HIGH)</b>	0-3	HPF
Casts/LPF	None Seen	Hyaline 0-3	LPF
Crystals	None Seen		HPF
Bacteria	None Seen		HPF
Squamous Epithelia	0-1	0-3	HPF
Fat Droplets	11-20		HPF

Species: **Canine**  
 Gender: **Female**  
 Year of Birth: **2005**  
 Client: **IBR**

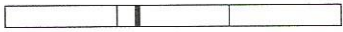
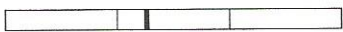










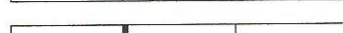
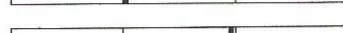
Requisition #: **195**  
 Accession #: **I1139721**  
 Account Code: **15897**  
 Veterinarian: **JOHN**

1-17-2016

Panel/Profile: **Special Heartworm Antigen by ELISA-Canine\***  
**Total Health™ Plus**

**Hematology** 

1/16/2016 (Order Received)  
 1/17/2016 @ 7:07 AM (Last Updated)

RBC	5.95	5.39 - 8.7 M/ $\mu$ L	
Hematocrit	42.8	38.3 - 56.5 %	
Hemoglobin	14.6	13.4 - 20.7 g/dL	
MCV	72	59 - 76 fL	
MCH	24.5	21.9 - 26.1 pg	
MCHC	34.1	32.6 - 39.2 g/dL	
% Reticulocyte	0.5	%	
Reticulocyte	30	10 - 110 K/ $\mu$ L	
WBC	13.3	4.9 - 17.6 K/ $\mu$ L	
% Neutrophil	83.0	%	
% Lymphocyte	12.0	%	
% Monocyte	2.0	%	
% Eosinophil	3.0	%	
% Basophil	0.0	%	
Neutrophil	11.039	2.94 - 12.67 K/ $\mu$ L	
Lymphocyte	1.596	1.06 - 4.95 K/ $\mu$ L	
Monocyte	0.266	0.13 - 1.15 K/ $\mu$ L	
Eosinophil	0.399	0.07 - 1.49 K/ $\mu$ L	
Basophil	0	0 - 0.1 K/ $\mu$ L	
Platelet	431	143 - 448 K/ $\mu$ L	 wPL ☺

Remarks  
 SLIDE REVIEWED MICROSCOPICALLY.  
 NO PARASITES SEEN  
 SCANNING OF THE BLOOD SMEAR REVEALED ADEQUATE PLATELET NUMBERS. DUE TO CLUMPING, THE AUTOMATED PLATELET NUMBER CANNOT BE ACCURATELY DETERMINED.

**Chemistry** 

1/16/2016 (Order Received)  
 1/17/2016 @ 7:07 AM (Last Updated)

Glucose	87	63 - 114 mg/dL	
BUN	21	9 - 31 mg/dL	

Chemistry (continued)

Creatinine	0.7	0.5 - 1.5 mg/dL	
SDMA	<sup>a</sup> 11	0 - 14 µg/dL	
BUN:Creatinine Ratio	30.0		
Phosphorus	5.3	2.5 - 6.1 mg/dL	
Calcium	8.9	8.4 - 11.8 mg/dL	
Sodium	146	142 - 152 mmol/L	
Potassium	5.4	4.0 - 5.4 mmol/L	
Na:K Ratio	27	28 - 37	L
Chloride	114	108 - 119 mmol/L	
TCO2 (Bicarbonate)	23	13 - 27 mmol/L	
Anion Gap	14	11 - 26 mmol/L	
Total Protein	5.4	5.5 - 7.5 g/dL	L
Albumin	2.1	2.7 - 3.9 g/dL	L
Globulin	3.3	2.4 - 4.0 g/dL	
Alb:Glob Ratio	0.6	0.7 - 1.5	L
ALT	34	18 - 121 U/L	
AST	17	16 - 55 U/L	
ALP	25	5 - 160 U/L	
GGT	3	0 - 13 U/L	
Bilirubin - Total	0.1	0.0 - 0.3 mg/dL	
Bilirubin - Unconjugated	0.1	0.0 - 0.2 mg/dL	
Bilirubin - Conjugated	0.0	0.0 - 0.1 mg/dL	
Cholesterol	266	131 - 345 mg/dL	
Amylase	521	337 - 1,469 U/L	
Lipase	226	138 - 755 U/L	
Creatine Kinase	69	10 - 200 U/L	
Hemolysis Index	<sup>b</sup> N		
Lipemia Index	<sup>c</sup> N		

<sup>a</sup> 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.

<sup>b</sup> Index of N,+,++ exhibits no significant effect on chemistry values.

<sup>c</sup>

Chemistry (continued)

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

Endocrinology

1/16/2016 (Order Received)
1/17/2016 @ 7:07 AM (Last Updated)

Total T4 a 2 1 - 4 µg/dL

- a 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.

Serology

1/16/2016 (Order Received)
1/17/2016 @ 7:07 AM (Last Updated)

Heartworm Antigen by ELISA POSITIVE (RESULT HAS BEEN DUPLICATED)

@ 17 months
Slow kill

Species: **Canine**  
Gender: **Female**  
Year of Birth: **2005**  
Client: **IBR**

Requisition #: **195**  
Accession #: **I1139730**  
Account Code: **15897**  
Veterinarian: **JOHN**  
Panel/Profile: **Tick Panel**

## Serology

1/16/2016 (Order Received)  
1/20/2016 @ 1:33 PM (Last Updated)

Lyme Antibody by IFA	<sup>a</sup> POSITIVE @ 1:200	↑ 1:100
Ehrlichia canis Antibody by IFA	<sup>b</sup> POSITIVE @ 1:25	new
Rocky Mountain Spotted Fever Antibody by IFA	<sup>c</sup> POSITIVE @ 1:200	↓ 1:400

a

### Interpretation:

If your result is:  
NEGATIVE  
POSITIVE @ (titer)

The interpretation is:  
No antibody present @ 1:100  
Antibody present @ (titer)

Positive samples are tested in incremental dilutions to 1:12,800. A positive titer indicates exposure to *Borrelia burgdorferi* or similar antigen but does not confirm the presence of disease. Titers may be affected by vaccination or disease. In the dog, the Lyme Quant C6 Test (test code 7246) is recommended for differentiating vaccine titers vs. natural infection.

IN DOGS, we are now recommending the new Lyme Quant C6 antibody test, code 7246, as a more accurate way to diagnose Lyme disease. This test identifies C6 antibody levels. C6 is a more sensitive and specific marker for active Lyme infection. Unlike the traditional whole cell tests like Lyme IFA or Western blot, C6 levels will decline when the dog is successfully treated.

b

### Interpretation:

If your result is:  
NEGATIVE  
POSITIVE @ (titer)

The interpretation is:  
No antibody present @ 1:25  
Antibody present @ (titer)

Positive samples are tested in incremental dilutions to 1:3200. Titers beyond 1:3200 are usually of limited clinical value. If you wish an endpoint titer there is an additional charge. A positive titer indicates exposure to *E.canis* or similar antigen but does not confirm the presence of disease. A CBC is recommended to identify abnormalities consistent with infection. If confirmation of infection is desired, Ehrlichia PCR test, code 2634 can be useful, especially in clinically sick animals.

c

### Interpretation:

If your result is:  
NEGATIVE  
POSITIVE @ (titer)

The interpretation is:  
No antibody present @ 1:25  
Antibody present @ (titer)

Positive samples are tested in incremental dilutions to 1:1600. Titers beyond 1:1600 are usually of limited clinical value. If you wish an endpoint titer there is an additional charge. Singles titer of greater than or equal to 1:1024 are suggestive of active infection. Low or