

Zoasis - Ehrlichia Canis; Lyme Titer (IgG), Rocky Mountain Spotted Fever (Rickettsia rickettsi)
Date Performed: 01/14/2011 04:35 AM

Patient Info:

ID: 28132 KS
Name: Sugarland
Owner: Mutts Midwest
Provider: DM

Species: Canine - Dogs
Breed: Pointer
Birthdate: 01/11/2008
Sex: FS

Clinic:
All Creatures Great
1894 Ohio Pike
Amelia, OH 45102

Accession Result ID INBC06692568

Sugarland H11-08

Ehrlichia Canis

Antech SA330

Ehrlichia Canis

Negative

Negative

Below 1:80

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

IgG NEGATIVE

There is no serologic evidence of exposure to Ehrlichia canis. However, a negative titer does not rule out exposure to other species. Also, some acutely infected dogs and cats are clinically ill prior to seroconversion. If clinical signs of ehrlichiosis are present, institute treatment and repeat serologic testing in 3 weeks to assess for increasing titers.

IgG GREATER THAN OR EQUAL TO 1:40

A positive titer supports exposure to E. canis or cross-reactive Ehrlichia spp. (E. ewingii or E. chaffeensis). If clinical signs of ehrlichiosis are present, institute treatment and repeat serologic testing in 3 weeks to assess for increasing titers.

Persistent titers beyond 9 months of initial diagnosis may indicate a carrier state or re-exposure.

Lyme Titer (IgG)

Lyme Titer, IgG

1:64

<1:64= Neg

Below 1:64

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

IgM(<1:16) and IgG(<1:64) = Negative OR IgG(<1:64) (only) = Negative

There is no serologic evidence of exposure to Borrelia burgdorferi, the causal agent of Lyme disease.

IgM(<1:16) Negative, IgG > or = 1:64 OR IgG (only) > 1:64

These results are most consistent with vaccination and/or natural exposure to Borrelia burgdorferi. A Lyme western blot can differentiate between vaccination and natural exposure. If clinical signs of Lyme disease are present consider instituting treatment.

IgM > or = 1:16, IgG(<1:64) Negative or IgG > or = 1:64

These results are most consistent with vaccination and/or natural exposure to Borrelia burgdorferi. A Lyme western blot can differentiate between vaccination and natural exposure. If clinical signs of Lyme disease are present consider instituting treatment.

Rocky Mountain Spotted Fever
(*Rickettsia rickettsii*)

Rocky Mtn Spotted Fever Negative

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

Single titers greater than or equal to 1:1024 are con

Dogs tested during the active phase of disease may
serology. Documentation of a 4 fold rise in titer 2 to
sampling supports recent infection.

Most dogs exposed to *R. rickettsii* are subclinically
indicates exposure, not necessarily disease. Also, t
fever rickettsii can develop antibodies that cross re:

WHEATON ANIMAL HOSPITAL
266 ROOSEVELT RD
GLEN ELLYN IL 60137

IDEXX LABORATORY SERVICES
Online results at www.vetconnect.com
1-888-433-9987

630-665-1500 ACCOUNT #: 71674

Sugarland 2-22-11

PATIENT: IL BIRDOG RESC, SUGARLAND

REQ #: 18757227

LAB #: 11640971

AGE: 4

SEX: F

COLLECTED: 02/21/2011

SPECIES: CANINE

RECEIVED: 02/22/2011 01:01

BREED: POINTER

REPORTED: 02/22/2011 04:36

DOCTOR: ANY DOCTOR

TEST PROCEDURES

RESULTS

REFERENCE RANGE UNITS

TOTAL HEALTH

CHEM 27

ALK. PHOSPHATASE	63		10-150	U/L
ALT (SGPT)	397	(H)	5-107	U/L
AST (SGOT)	39		5-55	U/L
CK	310	(H)	10-200	U/L
GGT	4		0-14	U/L
AMYLASE	551		450-1240	U/L
LIPASE	667		100-750	U/L
ALBUMIN	2.9		2.5-4.0	g/dL
TOTAL PROTEIN	7.0		5.1-7.8	g/dL
GLOBULIN	4.1		2.1-4.5	g/dL
TOTAL BILIRUBIN	0.1		0.0-0.4	mg/dL
DIRECT BILIRUBIN	0.1		0.0-0.2	mg/dL
BUN	18		7-27	mg/dL
CREATININE	0.7		0.4-1.8	mg/dL
CHOLESTEROL	211		112-328	mg/dL
GLUCOSE	87		60-125	mg/dL
CALCIUM	9.5		8.2-12.4	mg/dL
PHOSPHORUS	4.8		2.1-6.3	mg/dL
TCO2 (BICARBONATE)	24		17-24	mEq/L
CHLORIDE	109		105-115	mEq/L
POTASSIUM	5.0		4.0-5.6	mEq/L
SODIUM	144		141-156	mEq/L
A/G RATIO	0.7		0.6-1.6	
B/C RATIO	25.7			
INDIRECT BILIRUBIN	0.0		0-0.3	mg/dL
NA/K RATIO	29		27-40	
HEMOLYSIS INDEX	N			

IL BIRDOG RESC, SUGARLAND FINAL REPORT - CONTINUED ON NEXT FORM

PAGE 1

Started on doxy in October. 2010

CONTINUED REPORT

WHEATON ANIMAL HOSPITAL
 266 ROOSEVELT RD
 GLEN ELLYN IL 60137

IDEXX LABORATORY SERVICES
 Online results at www.vetconnect.com
 1-888-433-9987

630-665-1500 ACCOUNT #: 71674

PATIENT: IL BIRDOG RESC, SUGARLAND

REQ #: 18757227 LAB #: 01640971
 AGE: 4 SEX: F COLLECTED: 02/21/2011
 SPECIES: CANINE RECEIVED: 02/22/2011 01:01
 BREED: POINTER REPORTED: 02/22/2011 04:36

DOCTOR: ANY DOCTOR

TEST PROCEDURES	RESULTS	REFERENCE RANGE	UNITS
Index of N,+,++ exhibits no	significant effect on chemistry values.		
LIPEMIA INDEX	N		
Index of N,+,++ exhibits no	significant effect on chemistry values.		
ANION GAP	16	12-24	mEq/L
CBC STANDARD			
WBC	10.8	5.7-16.3	THOUS./uL
RBC	6.32	5.5-8.5	MILLION/uL
HGB	15.9	12-18	g/dL
HCT	46.2	37-55	%
MCV	73	60-77	fL
MCH	25.2	19.5-26.0	pg
MCHC	34.4	32-36	g/dL
NEUTROPHIL SEG	48 (L)	60-77	%
LYMPHOCYTES	29	12-30	%
MONOCYTES	7	3-10	%
EOSINOPHIL	16 (H)	2-10	%
BASOPHIL	0	0-1	%
AUTO PLATELET	247	164-510	THOUS./uL
REMARKS			
SLIDE REVIEWED MICROSCOPICALLY.			
NORMOCHROMIC			
NO PARASITES SEEN			
ABSOLUTE NEUTROPHIL SEG	5184	3000-11500	/uL
ABSOLUTE LYMPHOCYTE	3132	1000-4800	/uL
ABSOLUTE MONOCYTE	756	150-1350	/uL
ABSOLUTE EOSINOPHIL	1728 (H)	100-1250	/uL
ABSOLUTE BASOPHIL	0	0-100	/uL

STON ANIMAL HOSPITAL
ROOSEVELT RD
MELLYN IL 60137

IDEXX LABORATORY SERVICES
Online results at www.vetconnect.com
1-888-433-9987

10-665-1500 ACCOUNT #: 71674

Sugarland 2-Hill

CLIENT: IL BIRDOG RESC, SUGARLAND

REQ #: 18757227 LAB #: I1640980
AGE: 4 SEX: F COLLECTED: 02/21/2011
SPECIES: CANINE RECEIVED: 02/22/2011 01:01
BREED: POINTER REPORTED: 02/24/2011 12:16

FOR: ANY DOCTOR

PROCEDURES

RESULTS

REFERENCE RANGE UNITS

PANEL

ERLICHIA CANIS AB IFA

EHRlichia CANIS AB

NEGATIVE

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.

LYME (BORRELIOSIS) TITER

LYME (BORRELIOSIS) TITER POSITIVE @ 1:100

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

BIRDOG RESC, SUGARLAND FINAL REPORT - CONTINUED ON NEXT FORM PAGE 1

WHEATON ANIMAL HOSPITAL
266 ROOSEVELT RD
GLEN ELLYN IL 60137

IDEXX LABORATORY SERVICES
Online results at www.vetconnect.com
1-888-433-9987

630-665-1500 ACCOUNT #: 71674

PATIENT: IL BIRDOG RESC, SUGARLAND

REQ #: 18757227	LAB #:	I1640960
AGE: 4	SEX: F	COLLECTED: 02/21/2011
SPECIES: CANINE		RECEIVED: 02/22/2011 01:01
BREED: POINTER		REPORTED: 02/24/2011 12:16

DOCTOR: ANY DOCTOR

TEST PROCEDURES	RESULTS	REFERENCE RANGE	UNITS
	antigen but does not confirm the presence of disease. Titers may be affected by vaccination or disease. In the dog, a Western Blot Test (code 936) 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.

ROCKY MOUNTAIN SPOTTED FVR POSITIVE @ 1:25

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).

IL BIRDOG RESC, SUGARLAND *** FINAL REPORT ***

PAGE 2 2