

Animal Medical Center Of Troy















Patient: JACKIE WESTIE RESCUE

Species: Canine
Breed: MIXED_BREED_CAN
Gender: Female
Year of Birth: 2012
Client: WESTIE RESCUE

Requisition #: 02205
Accession #: I8009906
Account Code: 74559
Veterinarian: THEODOROFF, BRADFORD
Panel/Profile: Young Canine Maintenance Profile-Standard CBC
 RETICULOCYTE PANEL
 Fecal Ova and Parasites with Lab 4Dx® Plus Test-Canine

Hematology

2/8/2015 (Order Received)
 2/8/2015 @ 8:43 am (Last Updated)

RBC	7.16	5.39 - 8.7 M/ μ L	
Hematocrit	46.4	38.3 - 56.5 %	
Hemoglobin	16.9	13.4 - 20.7 g/dL	
MCV	65	59 - 76 fL	
MCH	23.6	21.9 - 26.1 pg	
MCHC	36.4	32.6 - 39.2 g/dL	
% Reticulocyte	0.6	%	
Reticulocyte	43	10 - 110 K/ μ L	
WBC	10.5	4.9 - 17.6 K/ μ L	
% Neutrophil	72.7	%	
% Lymphocyte	13.7	%	
% Monocyte	7.5	%	
% Eosinophil	5.8	%	
% Basophil	0.3	%	
Neutrophil	7.634	2.94 - 12.67 K/ μ L	
Lymphocyte	1.439	1.06 - 4.95 K/ μ L	
Monocyte	0.788	0.13 - 1.15 K/ μ L	
Eosinophil	0.609	0.07 - 1.49 K/ μ L	
Basophil	0.032	0 - 0.1 K/ μ L	
Platelet	497	143 - 448 K/μL	H 

Remarks SLIDE REVIEWED MICROSCOPICALLY.
 NO PARASITES SEEN



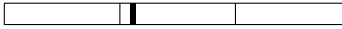




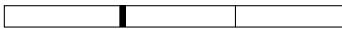


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Chemistry

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Glucose	77	63 - 114 mg/dL	
BUN	16	9 - 31 mg/dL	
Creatinine	0.6	0.5 - 1.5 mg/dL	
Potassium	5.1	4.0 - 5.4 mmol/L	
Total Protein	6.8	5.5 - 7.5 g/dL	
Albumin	2.9	2.7 - 3.9 g/dL	
Globulin	3.9	2.4 - 4.0 g/dL	
Alb / Glob Ratio	0.7	0.7 - 1.5	
ALT	29	18 - 121 U/L	
ALP	17	5 - 160 U/L	
Hemolysis Index	^a ++		
Lipemia Index	^b N		

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

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

Serology

2/8/2015 (Order Received)

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Heartworm Antigen by ELISA	NEGATIVE
Heartworm Antigen	NEGATIVE
Ehrlichia canis / ewingii	NEGATIVE
Lyme (Borrelia burgdorferi)	NEGATIVE

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Serology (continued)

Anaplasma
phagocytophilum
/ platys^a NEGATIVE

a

The Ehrlichia canis/Ehrlichia ewingii antibody portion of the test uses peptides from each organism that are sensitive and specific for detecting exposure to these pathogens. If positive, submission of a fresh whole blood sample with an air-dried smear for a comprehensive CBC, test code 300, is recommended to identify abnormalities consistent with infection, primarily thrombocytopenia and anemia. If confirmation of infection is desired, Ehrlichia spp. RealPCR Test, code 2854 can be useful, especially in dogs with compatible clinical signs. For more information on these pathogens and the clinical signs associated with infection, please visit www.idexx.com/4dxplus

The Lyme (Borrelia burgdorferi) antibody portion of the test detects Lyme C6 antibodies. A positive Lyme C6 antibody response is highly suggestive of active Lyme disease in dogs, rather than exposure or vaccination. This test may detect antibodies before clinical signs of joint disease. The quantitative assay for Lyme C6 antibodies (Lyme Quant C6 Antibody by ELISA, test code 7246) is preferred for assessing response to treatment. A measurable decline in quantitative Lyme C6 antibody levels within 6 months correlates with effective treatment, whereas the 4Dx-plus test may remain positive. J Infect Dis 184:2001; 870-878.

The Anaplasma phagocytophilum/Anaplasma platys antibody portion of the test uses a peptide that is sensitive and specific for detecting exposure to these organisms. If positive, submission of a fresh whole blood sample with an air-dried smear for a comprehensive CBC, test code 300, is recommended to identify abnormalities consistent with infection, primarily thrombocytopenia. If confirmation of infection is desired, Anaplasma spp. RealPCR test, code 2824 can be useful, especially in dogs with compatible clinical signs. For more information on these pathogens and the clinical signs associated with infection please visit www.idexx.com/4dxplus

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Parasitology

2/8/2015 (Order Received)
2/8/2015 @ 8:43 am (Last Updated)

Ova & Parasites TRICHURIS SP (WHIPWORM) OVA PRESENT MODERATE (11-30)
- Zinc Sulfate -
Centrifugation CAPILLARIA SP. OVA PRESENT RARE (1-2). THE CAPILLARIA GENUS HAS CURRENTLY BEEN RENAMED AND BROKEN INTO OTHER VARIOUS GENERA. CAPILLARIA AEROPHILIA IS NOW EUCOLEUS AEROPHILIA AND CAPILLARIA PLICA IS NOW PEARSONEMA PLICA.
In cases of acute or chronic diarrhea in addition to a fecal floatation and antigen testing for ova and parasites consider testing for viral, bacterial and protozoal infectious agents using RealPCR (canine diarrhea panel: test code 2625; feline diarrhea panel: test code 2627).