

**CHARLIE DELISLE**

PET OWNER: **DELISLE**  
 SPECIES: Canine  
 BREED: German Shepherd  
 GENDER: Male  
 AGE: 2 Years  
 PATIENT ID: 11435

**DABNEY DRIVE ANIMAL HOSPITAL**  
 1 SOUTH COOPER DRIVE  
 HENDERSON, NC 27536  
 252-430-8008  
 ACCOUNT #: 39706  
 ATTENDING VET: Dabney Drive Animal  
 Hospital, (ALL)

LAB ID: 4610009833  
 ORDER ID: 208013493  
 COLLECTION DATE: **7/20/23**  
 DATE OF RECEIPT: **7/22/23**  
 DATE OF RESULT: **7/28/23**

IDEXX Services: **Senior Profile with Fecal Dx® Profile, Lab 4Dx® Plus Test and Reflex UPC, C-Reactive Protein (CRP)—Canine, Brucella canis RealPCR™ (Non-export)**

## Hematology



**7/22/23** (Order Received)

**7/28/23 3:10 PM** (Last Updated)

**9/16/22**

TEST	RESULT	REFERENCE VALUE		
RBC	7.39	5.39 - 8.70 M/ $\mu$ L		7.27
Hematocrit	54.3	38.3 - 56.5 %		51.8
Hemoglobin	18.3	13.4 - 20.7 g/dL		17.3
MCV	73	59 - 76 fL		71
MCH	24.8	21.9 - 26.1 pg		23.8
MCHC	33.7	32.6 - 39.2 g/dL		33.4
% Reticulocyte	0.5	%		0.6
Reticulocytes	37	10 - 110 K/ $\mu$ L		44
Reticulocyte Hemoglobin	26.0	24.5 - 31.8 pg		25.8
WBC	12.1	4.9 - 17.6 K/ $\mu$ L		13.7
% Neutrophils	71.7	%		73.4
% Lymphocytes	18.0	%		17.8
% Monocytes	3.5	%		4.7
% Eosinophils	6.4	%		4.0
% Basophils	0.4	%		0.1
Neutrophils	8.676	2.94 - 12.67 K/ $\mu$ L		10.056
Lymphocytes	2.178	1.06 - 4.95 K/ $\mu$ L		2.439
Monocytes	0.424	0.13 - 1.15 K/ $\mu$ L		0.644
Eosinophils	0.774	0.07 - 1.49 K/ $\mu$ L		0.548
Basophils	<sup>a</sup> 0.048	0 - 0.1 K/ $\mu$ L		0.014
Platelets	189	143 - 448 K/ $\mu$ L		170





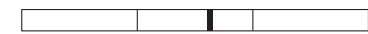

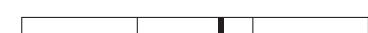





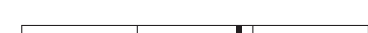













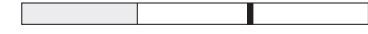
<sup>a</sup> AUTOMATED CBC

## Chemistry



7/22/23 (Order Received)  
7/28/23 3:10 PM (Last Updated)

9/16/22

TEST	RESULT	REFERENCE VALUE		
<b>Glucose</b>	<b>25</b>	<b>63 - 114 mg/dL</b>	L 	79
IDEXX SDMA	<sup>a</sup> 10	0 - 14 µg/dL		13
Creatinine	1.2	0.5 - 1.5 mg/dL		1.2
BUN	25	9 - 31 mg/dL		17
BUN: Creatinine Ratio	20.8			14.2
Phosphorus	4.7	2.5 - 6.1 mg/dL		4.0
Calcium	10.0	8.4 - 11.8 mg/dL		10.0
Sodium	149	142 - 152 mmol/L		149
Potassium	4.6	4.0 - 5.4 mmol/L		4.2
Na: K Ratio	32	28 - 37		35
Chloride	113	108 - 119 mmol/L		115
TCO2 (Bicarbonate)	17	13 - 27 mmol/L		20
Anion Gap	24	11 - 26 mmol/L		18
Total Protein	6.7	5.5 - 7.5 g/dL		6.3
Albumin	3.3	2.7 - 3.9 g/dL		3.3
Globulin	3.4	2.4 - 4.0 g/dL		3.0
Albumin: Globulin Ratio	1.0	0.7 - 1.5		1.1
ALT	42	18 - 121 U/L		61
AST	32	16 - 55 U/L		27
ALP	14	5 - 160 U/L		17
GGT	6	0 - 13 U/L		4
Bilirubin - Total	0.1	0.0 - 0.3 mg/dL		0.2
Bilirubin - Unconjugated	0.0	0.0 - 0.2 mg/dL		0.1
Bilirubin - Conjugated	0.1	0.0 - 0.1 mg/dL		< 0.1
Cholesterol	213	131 - 345 mg/dL		186
Amylase	671	337 - 1,469 U/L		646
Lipase	<sup>b</sup> 55	0 - 250 U/L		41
Creatine Kinase	127	10 - 200 U/L		107

**Chemistry** (continued)

TEST	RESULT	REFERENCE VALUE
Hemolysis Index	<sup>c</sup> 2+	N
Lipemia Index	<sup>d</sup> 1+	N

<sup>a</sup> SDMA and creatinine are within the reference interval: impairment of GFR is unlikely. Recommended next step: evaluate complete urinalysis.

<sup>b</sup> Please note: the canine and feline reference intervals for lipase have been updated effective May 26, 2020 to reflect current IDEXX testing.

<sup>c</sup> Index of N, 1+, 2+ exhibits no significant effect on chemistry values.

<sup>d</sup> Index of N, 1+, 2+ exhibits no significant effect on chemistry values.

**Urinalysis**

7/22/23 (Order Received)  
7/28/23 3:10 PM (Last Updated)

TEST	RESULT
Collection	NOT GIVEN

Color

Clarity

Specific Gravity

pH

Urine Protein

Glucose

Ketones

Blood /  
Hemoglobin

Bilirubin

Urobilinogen

White Blood  
Cells

Red Blood Cells

## Urinalysis (continued)

TEST	RESULT
Bacteria	
Epithelial Cells	
Mucus	
Casts	
Crystals	
Other	A urine sample was not received. The remainder of requested testing has been performed. Thank you.

## Endocrinology



7/22/23 (Order Received)

7/28/23 3:10 PM (Last Updated)

9/16/22

TEST	RESULT	REFERENCE VALUE		
Total T4	<sup>a</sup> 2.1	1.0 - 4.0 µg/dL	<div style="width: 100%; height: 10px; border: 1px solid black; position: relative;"> <div style="width: 50%; height: 100%; background-color: #e0e0e0;"></div> <div style="width: 5%; height: 100%; background-color: black; position: absolute; right: 0;"></div> </div>	2.9

<sup>a</sup> Dogs with no clinical signs of hypothyroidism and results within the reference interval are likely euthyroid. For dogs on thyroid supplement, recommended therapeutic levels are 2.1-5.4 ug/dL.

## Immunology



7/22/23 (Order Received)

7/28/23 3:10 PM (Last Updated)

TEST	RESULT	REFERENCE VALUE	
C-Reactive Protein (CRP)	<sup>a</sup> 0.5	0.0 - 1.0 mg/dL	<div style="width: 100%; height: 10px; border: 1px solid black; position: relative;"> <div style="width: 50%; height: 100%; background-color: #e0e0e0;"></div> <div style="width: 5%; height: 100%; background-color: black; position: absolute; right: 0;"></div> </div>

<sup>a</sup> C-Reactive Protein (CRP) is an acute phase protein used, in combination with hematology, to detect and monitor systemic inflammation in dogs. CRP levels rise rapidly (as early as 6 hours) after the onset of significant inflammation and can fall within 24 hours of resolution. Mildly elevated CRP (1-3 mg/dL) levels are suggestive of early, mild or resolving systemic. Values > 3 mg/dL are consistent with clinically significant systemic inflammation, with higher values indicating greater severity. Learn more about CRP at [www.idexx.com/CRPGuidelines](http://www.idexx.com/CRPGuidelines).

## Serology



7/22/23 (Order Received)  
7/28/23 3:10 PM (Last Updated)

9/16/22

TEST	RESULT	
Heartworm Antigen	<sup>a</sup> NEGATIVE	NEGATIVE
Ehrlichia spp.	<sup>b</sup> POSITIVE	POSITIVE
Lyme (Borrelia burgdorferi)	NEGATIVE	NEGATIVE
Anaplasma spp.	NEGATIVE	NEGATIVE

- <sup>a</sup> View your results in VetConnect PLUS for patient-specific interpretations that incorporate clinical signs. Further information on the diagnosis and management of tick/vector-borne diseases can be found at [idexx.com/4DxGuide](http://idexx.com/4DxGuide).  
This test is not suitable for export. If testing is required for export, please select test codes marked "export".
- <sup>b</sup> This test is not suitable for export. If testing is required for export, please select test codes marked "export".

## Molecular Diagnostics



7/22/23 (Order Received)  
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TEST	RESULT
Brucella canis RealPCR	<sup>a</sup> NEGATIVE

- <sup>a</sup> This test is not suitable for export. If testing is required for export, please select test codes marked "export".  
A POSITIVE BRUCELLA PCR RESULT indicates the presence of Brucella DNA in the sample submitted. This confirms Brucella infection. Infection in dogs most commonly manifest as reproductive failure and abortion. Nonreproductive abnormalities include discospondylitis, uveitis and glomerulonephritis. Zoonotic potential exists.  
A NEGATIVE BRUCELLA PCR RESULT indicates that Brucella DNA was not detected in the sample submitted. However, a negative PCR result may be caused by the numbers of organisms being below the limit of detection, decreased numbers of organisms following treatment or chronic carrier state, or the occurrence of new strain variations.