

Patient History Report

Client: Martin, Sarka (25541)
Phone: (252) 619-1600
Address: 44 Cypress Lane
 Kitty Hawk, NC 27949

Patient: MAGNUS (66198)
Species: Canine
Age: 5 Mos. 0 Wks. 3 Days
Color: BRN/WHITE
Breed: Terrier, Bull
Sex: Male

Date	Type	Staff	History																																																															
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HGB =	12.6 g/dL L	13.1 - 20.5
MCHC =	35.1 g/dL	32.0 - 37.9
WBC =	12.65 K/uL	5.05 - 16.76
LYMPHS =	3.72 K/uL	1.05 - 5.10
%LYMPHS =	29.4 %	
MONOS =	0.97 K/uL	0.16 - 1.12
%MONOS =	7.7 %	
NEUT =	7.23 K/uL	2.95 - 11.64
%NEUT =	57.1 %	
EOS =	0.72 K/uL	0.06 - 1.23
%EOS =	5.7 %	
BASO =	0.01 K/uL	0.00 - 0.10
%BASO =	0.1 %	
PLT =	320 K/uL	148 - 484
Retics =	12.5 K/uL	10.0 - 110.0
%Retics =	0.2 %	
RBC =	5.21 M/uL L	5.65 - 8.87
MCV =	68.9 fL	61.6 - 73.5
MCH =	24.2 pg	21.2 - 25.9
RDW =	14.8 %	13.6 - 21.7
MPV =	10.8 fL	8.7 - 13.2
PDW =	10.7 fL	9.1 - 19.4
PCT =	0.35 %	0.14 - 0.46
RETIC-HGB =	27.1 pg	22.3 - 29.6

Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.

6/1/2021 L EG

Endocrinology results from IDEXX Reference

Laboratory	Requisition ID:	154916923	Posted	Final
Test	Result	Reference Range		
PRE-ACTH	2.3 ug/dL			
POST-ACTH	8.2 ug/dL			
Ascن: 4606768777				

ACTH Reference Range:

Canine:	Feline
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2-6	0.5-5	Pre-ACTH (resting) cortisol
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6-18	5-15	Post-ACTH cortisol
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18-22	15-19	Equivocal post-ACTH cortisol
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>22	>19	Post-ACTH cortisol consistent with
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hyperadrenocorticism

<2	<0.5	Post-ACTH cortisol consistent with
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hypoadrenocorticism

1-5	n/a	Desired pre- and post-ACTH
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cortisol on

lysodren* therapy

1.5-6	1.5-6	Desired pre-and post-ACTH cortisol
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on trilostane*
therapy

ACTH response test is only clearly positive (>22) in 30% of dogs with hyperadrenocorticism (HAC); equivocally positive in another 30% of dogs with HAC, and normal in 40 % of dogs with HAC.*

If the ACTH response test is normal and HAC is still suspected, proceed with a low-dose dexamethasone suppression test. Dogs with iatrogenic Cushing's disease will have flatline response test results in the low end or below the normal reference range.

Both HAC and hypoadrenocorticism are rare diseases in cats. *Recommendations for target cortisol levels on trilostane (Vetoryl*) therapy vary. Per the manufacturer, pre- and post-ACTH cortisol levels of 6-9 ug/dL (testing performed 4 hours post-trilostane) may be sufficient for some animals if clinical signs are well controlled.