

Gastrointestinal Disease Report



VDI Lab Services
 9420 Topanga Cyn Blvd #100 Chatsworth, CA 91311
 ph: 805-577-6742 fax: 805-426-8115

PATIENT NAME: Nala Musikanth
SPECIMEN ID: 180602
SPECIES / SEX: Feline / FS
AGE: 14.5
WEIGHT: 12.1 lb
BREED: DSH

MRN: 1193993
DRAW DATE: 20-Nov-23
RECEIVED DATE: 21-Nov-23
REPORT DATE: 22-Nov-23
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:

Gastrointestinal Disease - Dashboard

Gastrointestinal Disease - Dashboard				Related Tests	
B12 High >2250 Normal: 268-1478 pg/mL	Folate Normal 20.7 Normal: 7.3 - 21.6 ng/mL	Vitamin D Sufficient 149.1 Sufficiency: 100-150 ng/mL	Magnesium Normal 2.5 Normal: 2.0-2.7 mg/dL	Allergies Not Tested	
HPT Mild 206.1 Normal: 25 - 64.9	TK1 High 14.5 Normal: <3.0 U/L	Neoplasia Index Positive 8.1 Negative: ≤ 5.2	fPL Positive 46.7 Normal: ≤ 3.5		Addison's Cortisol Not Tested Normal: 1 - 5 ug/dL
Total Protein Normal 8.6 Range: 6.3 - 8.8 g/dL	Albumin Normal 2.9 Range: 2.5 - 3.9 g/dL	Globulin Normal 5.7 Range: 2.9 - 5.9 g/dL	A/G Ratio Normal 0.5 Range: 0.4 - 1.5		

Interpretation of results based upon patient exhibiting GI signs

Chronic Enteropathy 3543

LSA	Moderate Confidence
LSA clinical score: <i>Clinical signs not provided on TRF</i>	
Pattern is consistent with LSA. Patient has a positive Neoplasia Index and should be evaluated. An ultrasound is recommended. See report for details.	Confidence Factors pos NI high TK1 pos inflam

Pancreatitis 3441

Detected	Moderate Confidence
Pancreatitis clinical score: <i>Clinical signs not provided on TRF</i>	
While pancreatic lipase is positive indicating pancreatitis, it may be concurrent with other disease.	Confidence Factors pos fPL

Protein Losing Enteropathy 1111

Normal	No Action
There is no evidence the patient has PLE.	

Essential Vitamins 1141

Normal	Evaluate B12
High B12 may reflect excess supplementation and/or diet or possibly cholangitis.	

Reviewer Comments - need consult? email consult@vdiilab.com

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GI Lymphoma Panel

PATIENT NAME: Nala Musikanth
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Relevant Context (provided on TRF)

GI Signs

Vomitting,

Suspected Mass

Enlarged Node

Recommended Action

abdominal ultrasound, confirm GI source of TK1/HPT, treat and monitor

Neoplasia Index®

fGI.LSA

Treatment:

none or not indicated

Interpretive Comments

Results are consistent with LSA

Patient has a positive Neoplasia Index indicative of GI lymphoma. This profile of TK1/ HPT/ B12 is consistent with small cell lymphoma*. An ultrasound is recommended.

Positive
8.1
Index

Negative: ≤ 5.2
 Equivocal: 5.3
 Positive: 5.4 - 8.1
 High Positive: ≥ 8.2

TK1

High
14.5
U/L

Normal: ≤ 3.0
 Equivocal: < 6.6
 High: 6.6 - 25.0
 Highly Elevated: ≥ 25.1

f-HPT

Mild
206.1
mg/dL

Decreased: < 25
 Normal: 25 - 64.9
 Mild Inflamm (m): 65 - 225
 High Inflamm (H): ≥ 225.1

Cobalamin

Folate

High
>2250
pgm/L

Normal
20.7
ng/mL

Low: <268
 Low Normal: 268 - 400
 Normal: 268 - 1478
 High: ≥1479

Low: <7.3
 Normal: 7.3 - 21.6
 High: > 21.6

Interpretive Comments

High TK1 with a mild inflammatory response is commonly found in small cell lymphoma.

Trending and Treatment Comments

Corticosteroids or uncontrolled Cushings, can suppress both TK1 and HPT. Other anti-inflammatory medication can suppress HPT. Confirm patient is untreated.

Interpretive Comments

High B12 may reflect excess supplementation and/or diet or possibly cholangitis.

Contextual Comments (If needed)

need consult? consult@vdiilab.com

profile code 33350

SMALL CELL LSA

* The classification of LSA is based upon test result profiling and should not be considered definitive. It is most reliable in the untreated cat. Patient disease classification will be affected if the patient is on corticosteroids or other anti-inflammatory or anti-proliferative medications. An ultrasound is always recommended and should be supportive of test results. If ultrasound and test results conflict, it is recommended the test be repeated in 3-4 weeks with the patient off of corticosteroids. If the test requisition indicates the patient is on corticosteroids, the Neoplasia Index will be adjusted for the effect medication may have on TK1/HPT. For definitive disease classification (eg, small cell, large cell), a biopsy is required.

Vitamin D Report



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PATIENT NAME: Nala Musikanth

VETERINARIAN:

SPECIMEN ID: 180602

MRN: 1193993

FACILITY:

SPECIES: Feline

DRAW DATE: 20-Nov-23

GENDER: Female Spayed

RECEIVED DATE: 21-Nov-23

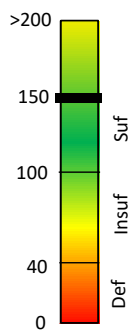
AGE: 14.5

REPORT DATE: 22-Nov-23

WEIGHT: 12.1 lb

SAMPLE TYPE: Frozen Serum

BREED: DSH



25(OH)D
(ng/mL)

Sufficient

149.1

Deficient: ≤ 40.0
Insufficient: 40.1 - 99.9
Sufficient: 100 - 150
Elevated: ≥ 150

Dose at time of draw:

0 IU/day

Change dose by

0 IU/day



New Recommended Dose Range

Low End Sufficiency
(~100 ng/mL)

High End Sufficiency
(~130 ng/mL)

Not Required

Not Required

For most patients without underlying conditions, or taking corticosteroids

For patients that warrant a higher VitD level and/or those on corticosteroids.

Patient History

ID	Date	Result ng/mL	Known Dose iu/day

Interpretive Comments - need consult? email consult@vdlab.com

Your patient is found to be sufficient. Continue on the same diet and retest in 1 year unless one of the conditions below is met.

If any of the following occur, wait 2 months from the date of change, then retest:

Major Diet Change

Change in Health Status (eg PLE)

Change of Vitamin D supplement or daily treats

Supplementation is stopped for longer than 4 weeks

Patient is put on Corticosteroids

Patient is put on NSAIDS

Supplementation Guide

Total Dose Recommended:

Not Required

Not Required

*Choose only one product for supplementation

PRODUCT NAME	PRODUCT STRENGTH	PRODUCT FORMAT	Low End Dose	High End Dose
RxD3 <i>Rx Vitamins</i>	100 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/>
RxD3 Forte <i>Rx Vitamins</i>	500 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/>



B12 (Cobalamin) Report

PATIENT NAME: Nala Musikanth
SPECIMEN ID: 180602
SPECIES: Feline
GENDER: Female Spayed
AGE: 14.5
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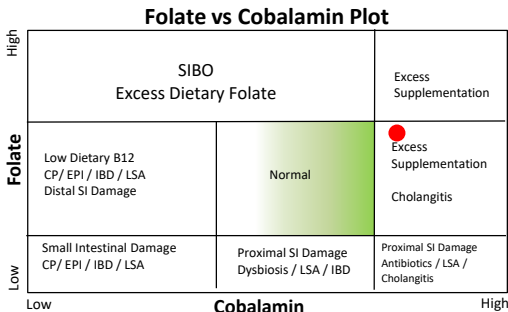
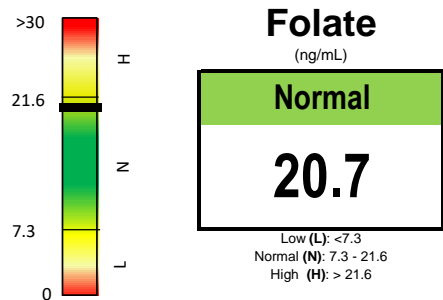
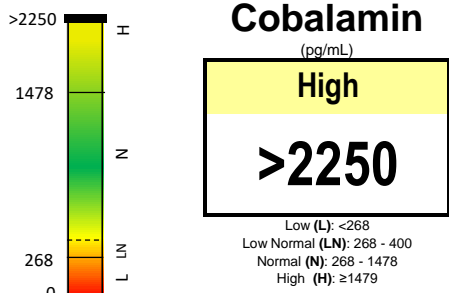


chart assumes unsupplemented patient

B12 Dose at time of draw: 0 mcg/day
Increase B12 dose by: 0 mcg/day



New Recommended B12 Dose

Fasted Sample?	Fasted
0 mcg/day	
B12 dosing recommendations are for daily supplementation. Continue indefinitely unless changes in health or diet require modification.	

Patient History

ID	Date*	B12 pg/mL	Folate ng/mL	Known B12 Dose mcg/day

need consult? email consult@vdlab.com

Comments

Patient has High B12 with normal Folate. Most commonly associated with excess supplementation or dietary intake.

Total B12 Dose Recommended:

0 mcg/day

PRODUCT NAME	PRODUCT STRENGTH	PRODUCT FORMAT	Drops Dose	mL Dose
RxB12 <i>Rx Vitamins</i>	250 mcg/mL 6.5 mcg/drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/>
RxB12 Forte <i>Rx Vitamins</i>	1000 mcg/mL 33 mcg/drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/>

*Choose only one product for supplementation

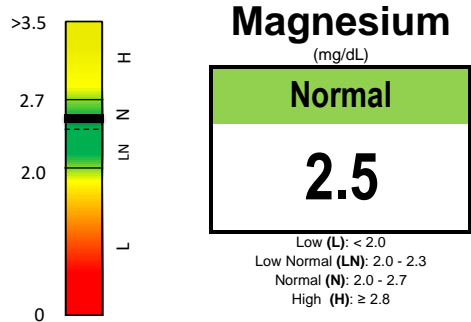


Magnesium Report

PATIENT NAME: Nala Musikanth
SPECIMEN ID: 180602
SPECIES: Feline
GENDER: Female Spayed
AGE: 14.5
WEIGHT: 12.1 lb
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Dose at time of draw:

0 mg/day

Increase Dose By:

0 mg/day



New Recommended Dose

MagRatio	Not Available
0 mg/day	
Magnesium dosing recommendations are for daily supplementation. Continue indefinitely unless changes in health or diet require modification.	

Patient History

ID	Date	Result m g/dL	Known Dose mg/day

Interpretive Comments - need consult? email consult@vdi lab.com

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Patient has Normal Magnesium levels. Maintain current diet and retest in 1 year unless diet or health changes occur.

Supplementation Guide

Total Dose Recommended:		0 mg/day		
PRODUCT NAME	PRODUCT STRENGTH	PUMP VOLUME	PRODUCT FORMAT	Dose
Magnesium Lotion for Pets <i>Magnum Solace</i>	50 mg/mL	0.23 mL/pump 11.5 mg/pump	Topical Lotion	<input type="checkbox"/>
Other	_____			<input type="checkbox"/>