



PATIENT NAME: Calvin Smith
SPECIMEN ID: 555555
SPECIES: Feline
GENDER: Male Neutered
AGE: 13.0
WEIGHT: 9.8 lb
BREED: Maine Coon

MRN: 1072971
DRAW DATE: 2-Sep-21
RECEIVED DATE: 17-Sep-21
REPORT DATE: 17-Sep-21
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:

REPORT DATE: 17-Sep-2021

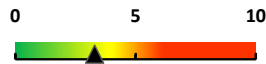
Relevant Context (provided on TRF)

<input type="checkbox"/> Corticosteroids	<input type="checkbox"/> Antibiotics	<input type="checkbox"/> Suspected Mass	<input type="checkbox"/> Hypercalcemia
<input type="checkbox"/> NSAIDs	<input type="checkbox"/> Anemia	<input type="checkbox"/> Enlarged Node	<input type="checkbox"/> B12 Deficiency
<input type="checkbox"/> Chemotherapy	<input checked="" type="checkbox"/> Yes GI Signs	<input type="checkbox"/> Fever	<input type="checkbox"/> Known Disease

Neoplasia Index™

NI fGILSA

Negative
3.3
Index



Negative: ≤ 5.2
Equivocal: 5.3
Positive: 5.4 - 7.2
High Positive: ≥ 7.3

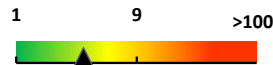
Interpretive Comments

Results are **INCONSISTENT** with GI LSA

Patient's Neoplasia Index is negative and inconsistent with intestinal lymphoma. This profile of TK1/ HPT/ B12 is consistent with inflammatory bowel disease. An ultrasound is recommended.

TK1

Equivocal
3.4
U/L



Normal: ≤ 3.0
Equivocal: ≤ 6.6
High (H): 6.6 - 20.0
Highly Elevated (HE): ≥ 20.1

Interpretive Comments

Results are consistent with: **IBD**

TK1 is very mildly elevated with a mild inflammatory response and commonly found in inflammatory bowel disease. If the patient is on corticosteroids, both TK1 and HPT may be higher as these medications suppress the inflammatory and proliferative response.

HPT

Mild
166.7
mg/L



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

Interpretive Comments

Patient has normal B12 and elevated folate levels. High folate levels may be due to a dietary source or small intestinal bacterial overgrowth (SIBO).

Cobalamin

Normal
483.0
pgm/L

Folate

High
>30
ng/mL

Low (L): <268
Low Normal (LN): 268 - 400
Normal (N): 268 - 1478
High (H): ≥1479

Low (L): <7.3
Normal (N): 7.3 - 21.6
High (H): > 21.6

Contextual Comments (if needed)

profile code 11240 IBD

* 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

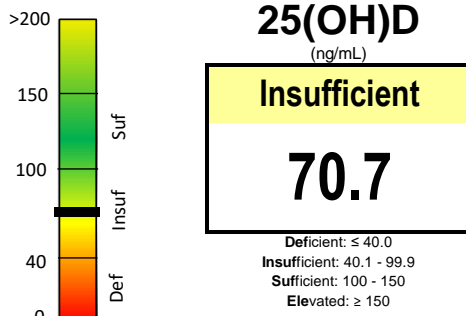


VDI Lab Services
4685 Runway St. Ste K Simi Valley, CA 93063
ph: 805-577-6742 fax: 805-426-8115

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Dose at time of draw:

0 IU/day

Increase dose by:

200 IU/day



New Recommended Dose Range

Low End Sufficiency
(~100 ng/mL)

High End Sufficiency
(~130 ng/mL)

200 IU/day

400 IU/day

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

Your patient is found to be insufficient. Insufficiency increases risk of developing other serious diseases. Supplement with D3 per recommendations and retest in 8-10 weeks or 4 months for obese patients.

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/PLN)
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:

200 IU/day

400 IU/day

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"/> 2 drops/day	<input type="checkbox"/> 4 drops/day
RxD3 Forte <i>Rx Vitamins</i>	500 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/> 1 drop/day

Retest NO SOONER THAN:

November 26, 2021

B12 (Cobalamin) Report

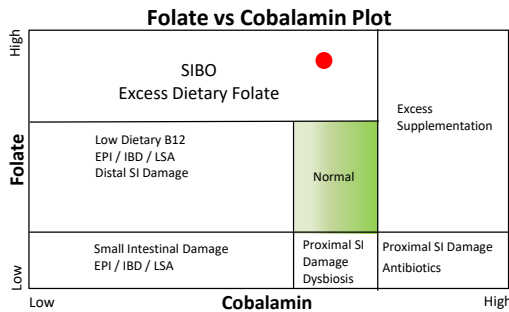
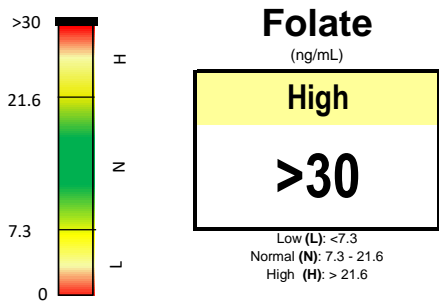
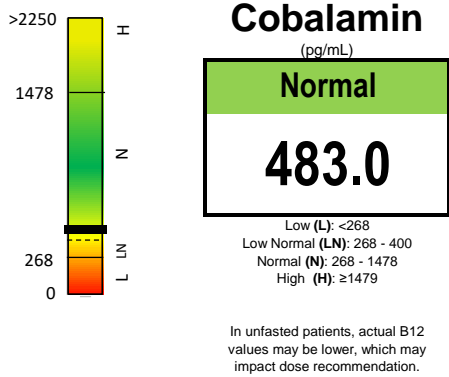


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B12 Dose at time of draw: **0 mcg/day**

Increase B12 dose by: **0 mcg/day**

New Recommended B12 Dose

Fasted Sample?	Unknown
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

*B12 results run prior to 9/7/21 use a different reference range and do not align with current reference range. Contact VDI with questions.

Comments
Patient has normal B12 and elevated folate levels. High folate levels may be due to a dietary source or small intestinal bacterial overgrowth (SIBO).

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"/>

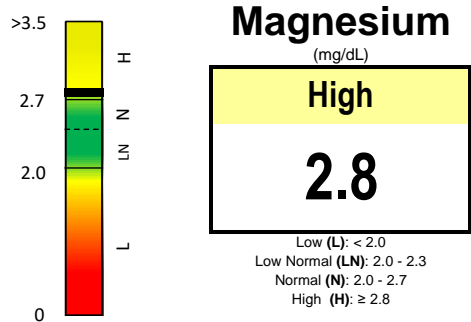


Magnesium Report

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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/dL

Interpretive Comments

413

Patient has High Magnesium Levels. Magnesium levels may be elevated when serum is left on the clot for extended periods or hemolysis is present. Retest magnesium levels to ensure elevation is not an artifact.

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"/>

Retest NO SOONER THAN: December 21, 2021