

Feline Wellness Report



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

PATIENT NAME: Kobe Martin
SPECIMEN ID: 555555
SPECIES: Feline
GENDER: Female Spayed
AGE: 7.8
WEIGHT: 11.1 lb
BREED: DSH

MRN: 1060880
DRAW DATE: 4-Aug-21
RECEIVED DATE: 9-Aug-21
REPORT DATE: 9-Aug-21
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:

Wellness Dashboard

<p>Vitamin D</p> <p>Insufficient</p> <p>68.0</p> <p>Sufficiency: 100-150 ng/mL</p>	<p>B12</p> <p>High</p> <p>>2000</p> <p>Normal: 690-1800 pg/mL</p>	<p>Magnesium</p> <p>Normal: 2.0-2.7 mg/dL</p>	<p>tCa</p> <p>Normal: 8.2 - 10.8 mg/dL</p>
<p>PTH¹⁻⁸⁴</p> <p>Normal: 1 - 14 pg/mL</p>	<p>Folate</p> <p>High</p> <p>>30</p> <p>Normal: 13.0 - 21.7 ng/mL</p>		

<p>Inflammation (HPT)</p> <p>High</p> <p>260.0</p> <p>Decreased (D): < 25 Normal: 25 - 64.9 Mild Inflammation (m): 65 - 140 High Inflammation (H): ≥ 140.1 (mg/dL)</p>	<p>Previous</p> <p>11/16/2020</p> <p>228</p>	<p>Chemistries</p>
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Patient is in a heightened inflammatory state. Refer to differential list for possible source.

Additional Tests (canine only)

<p>Cancer Risk</p> <p>Very Low Risk: ≤ 2.1 Low Risk: 2.2 - 5.3 Elevated Risk: 5.4 - 8.9 Highly Elevated Risk: ≥ 9.0</p>	<p>Osteoarthritis</p> <p>Normal: ≤20 Positive: >20 (ng/mL)</p>
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Differential List



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The following differential list is modified based on:

- Outside Ref Interval
- Within Ref Interval
- Not Performed
- Impacts List

Specialty

- Cancer Risk
- CRP
- HPT
- HA
- B12
- Folate
- PTH 1-84

Chemistries

- ALB
- ALT
- ALP
- BUN
- Creatinine
- Glucose
- Total Protein
- Globulin
- AG Ratio
- Calcium
- BUN/Creat Ratio
- Total Bili

Other Modifiers

- Age
- Breed
- Medication
- N/A

The list of possible sources are common inflammatory diseases that correspond to the level of inflammation in this patient. Potential actions below may aid in further differential diagnosis. **BASED UPON CLINICAL PRESENTATION, SOME SOURCES CAN BE IMMEDIATELY EXCLUDED.**

Possible Source

(in decreasing probability)

Potential Action based on clinical relevance

Actions are organized by least invasive/expensive first

Myositis Cancer IMPA Kidney disease (non-cancer) Fungal Infection Parasites IBD	→ → → → → → → →	physical examination TK1 Cancer Panel (VDI), imaging, biopsy imaging, synovial fluid analysis creat (VDI), PU/PD, urine analysis, SDMA, UP/UC ratio, imaging serological panel, culture, imaging left shift, culture, imaging serological panel, PCR, imaging rule-in through exclusion (CRP/HPT α severity), imaging, biopsy
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Potential Action

code

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Comments and recommendations are made in the absence of clinical background on the patient. The list of inflammatory diseases and diagnostic procedures are not exhaustive. For more detailed discussion regarding results, comments, or recommendations, please contact VDI at 805-577-6742.

Vitamin D Report

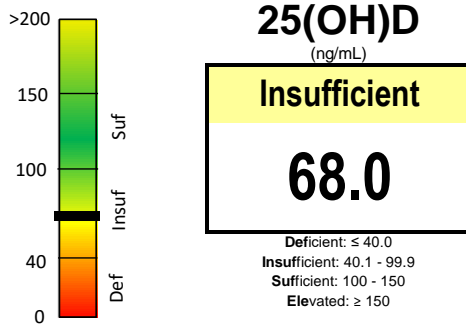


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Dose at time of draw:

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
433268	11/16/2020	122.7	0

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:

October 18, 2021

B12 (Cobalamin) Report

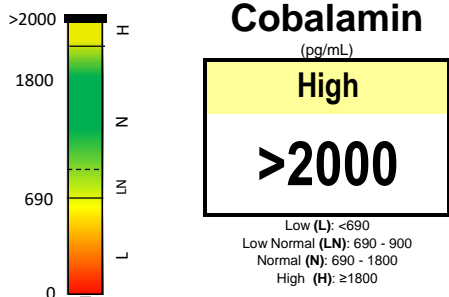


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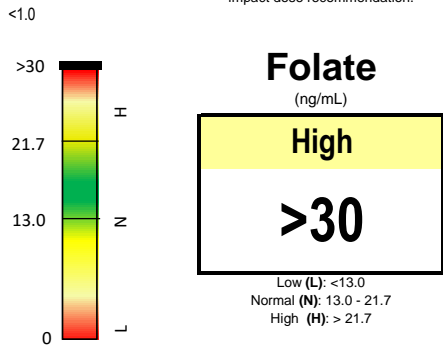
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In unfasted patients, actual B12 values may be lower, which may impact dose recommendation.



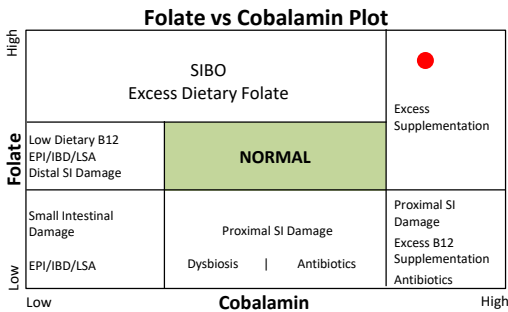
B12 Dose at time of draw: 0 mcg/day
Increase B12 dose by: 0 mcg/day

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
433268	11/16/2020	1000.6		0



Comments

Patient has high B12 and high Folate. In the unsupplemented patient this is unusual. Evaluate diet, medication, and possible dysbiosis.

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"/>