

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: Maneki Vandermeer
SPECIMEN ID: 479200
SPECIES: Feline
GENDER: Male Neutered
AGE: 3.0
WEIGHT: 13.25 lb
BREED: DSH

MRN: 1102318
DRAW DATE: 28-Feb-23
RECEIVED DATE: 9-Mar-23
REPORT DATE: 10-Mar-23
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:

Wellness Dashboard

Vitamin D Sufficient 121.5 Sufficiency: 100-150 ng/mL	B12 High 1593.6 Normal: 268-1478 pg/mL	Magnesium Low Normal 2.3 Normal: 2.0-2.7 mg/dL	tCa Normal: 8.2 - 10.8 mg/dL
PTH¹⁻⁸⁴ Normal: 1 - 14 pg/mL	Folate Normal 12.9 Normal: 7.3 - 21.6 ng/mL		

Inflammation (HPT) Mild 65.1 Decreased (D): < 25 Normal: 25 - 64.9 Mild Inflammation: 65 - 140 High Inflammation: ≥ 140.1 (mg/dL)	Previous 	Chemistries
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Patient is in a low inflammatory state. Refer to differential list for possible source.

Additional Tests

Cancer Risk Very Low Risk: ≤ 2.1 Low Risk: 2.2 - 5.2 Elevated Risk: 5.3 - 8.9 Highly Elevated Risk: ≥ 9.0	Osteoarthritis Normal: <34 Positive: ≥35 (ng/mL)
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need consult? email consult@vdiilab.com

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

<ul style="list-style-type: none"> Heart (non-cancer) Dental disease IBD Fungal Cancer IMPA 	<ul style="list-style-type: none"> ➔ ➔ ➔ ➔ ➔ ➔ 	<ul style="list-style-type: none"> auscultation, NT-proBNP, cTnl, imaging examine patient rule-in through exclusion (CRP/HPT α severity), imaging, biopsy serological panel, culture, imaging TK1 Cancer Panel (VDI), imaging, biopsy imaging, synovial fluid analysis
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Potential Action

code

Please note that HPT is barely outside the reference interval.

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

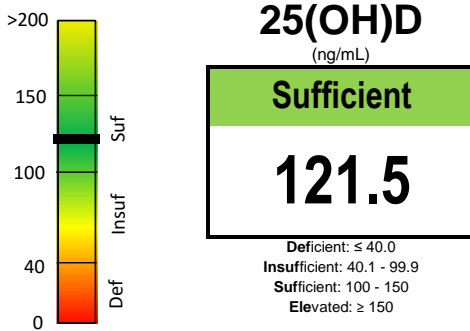


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Dose at time of draw:

Not Provided

Change dose by

0 IU/day



New Recommended Dose Range

Low End Sufficiency (~100 ng/mL)		High End Sufficiency (~130 ng/mL)
Not Required	↔	100 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 - need consult? email consult@vdlab.com

Your patient is found to be sufficient. Current supplementation was not provided, so continue on the same diet and supplementation (if any) 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 | Supplementation is stopped for longer than 4 weeks |
| Change in Health Status (eg PLE) | Patient is put on Corticosteroids |
| Change of Vitamin D supplement or daily treats | Patient is put on NSAIDS |

Supplementation Guide

Total Dose Recommended: **Not Required** ↔ **100 IU/day**

*Choose only one product for supplementation

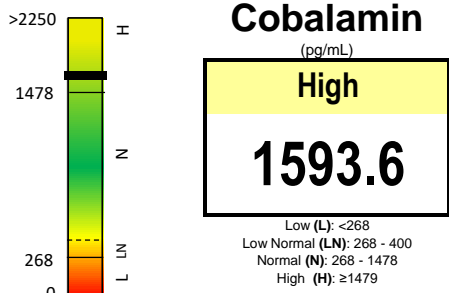
PRODUCT NAME	PRODUCT STRENGTH	PRODUCT FORMAT	Low End Dose	High End Dose
RxD3 <i>Rx Vitamins</i>	100 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/> 1 drop/day
RxD3 Forte <i>Rx Vitamins</i>	500 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/>

B12 (Cobalamin) Report

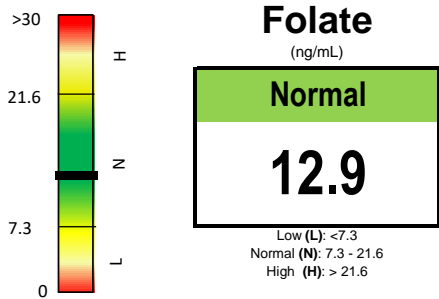


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In unfasted patients, actual B12 values may be lower, which may impact dose recommendation.



Folate vs Cobalamin Plot

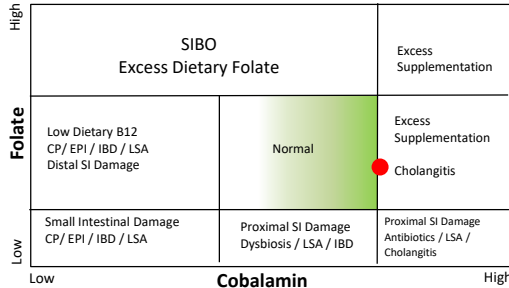


chart assumes unsupplemented patient

B12 Dose at time of draw: Not Provided
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

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

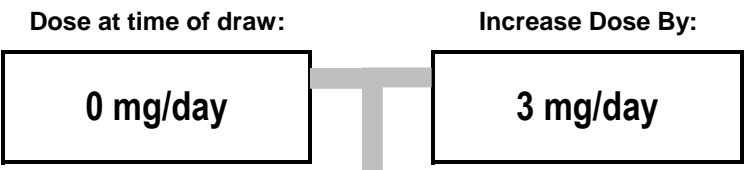
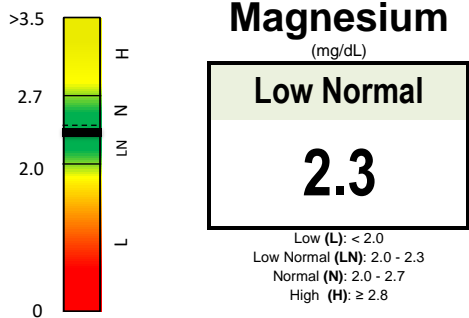


Magnesium Report

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New Recommended Dose

MagRatio	Not Available
3 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 low normal Magnesium levels. Supplement as indicated (Daily topical lotion is recommended). Restest in 90 days.

Supplementation Guide

Total Dose Recommended:		3 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"/> 2 pumps/week
Other				<input type="checkbox"/>

Retest NO SOONER THAN: June 12, 2023