

Canine 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: Canine
GENDER: Female Spayed
AGE: 11.0
WEIGHT: 11.4 lb
BREED: Shih Tzu

MRN: 1072558
DRAW DATE: 30-Aug-21
RECEIVED DATE: 3-Sep-21
REPORT DATE: 10-Sep-21
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:
PH:
FAX:

Wellness Dashboard

<p>Vitamin D</p> <p>Sufficient</p> <p>110.0</p> <p>Sufficiency: 100-150 ng/mL</p>	<p>B12</p> <p>Low Normal</p> <p>387.0</p> <p>Normal: 220-1080 pg/mL</p>	<p>Magnesium</p> <p></p> <p>Normal: 1.7-2.9 mg/dL</p>	<p>tCa</p> <p></p> <p>Normal: 8.5 - 12.0 mg/dL</p>
<p>PTH¹⁻⁸⁴</p> <p></p> <p>Normal: 4 - 38 pg/mL</p>	<p>Folate</p> <p></p> <p>Normal: 4.3 - 21.0 ng/mL</p>		

<p>Inflammation (CRP)</p> <p>Optimal</p> <p>0.5</p> <p>Optimal: ≤ 2.0 Normal: ≤ 3.9 Mild Inflammation (m): 4 - 9.9 Moderate Inflammation (M): 10 - 39.9 High Inflammation (H): ≥ 40 (mg/L)</p> <p>Patient's inflammatory state is at an optimal level.</p>	<p>Previous</p> <p></p>	<p>Chemistries</p> <p>Albumin Normal</p> <p>CAR: 0.1</p> <p>Patient CRP/Albumin Ratio (CAR) is within normal limits.</p>
---	--------------------------------	--

Additional Tests (canine only)

<p>Cancer Risk</p> <p>Low</p> <p>4.2</p> <p>Very Low Risk: ≤ 2.1 Low Risk: 2.2 - 5.2 Elevated Risk: 5.3 - 8.9 Highly Elevated Risk: ≥ 9.0</p> <p>Patient's CRA score is low with an unlikely chance of occult cancer.</p>	<p>Previous</p> <p></p>	<p>Osteoarthritis (HA)</p> <p></p> <p>Normal: ≤20 Positive: >20 (ng/mL)</p>	<p>Previous</p> <p></p>
--	--------------------------------	--	--------------------------------

8.95 2101

Differential List



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: Canine
GENDER: Female Spayed
AGE: 11.0
WEIGHT: 11.4 lb
BREED: Shih Tzu

MRN: 1072558
DRAW DATE: 30-Aug-21
RECEIVED DATE: 3-Sep-21
REPORT DATE: 10-Sep-21
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:
PH:
FAX:

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

CAR Ratio
0.1

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)

Cancer w/o inflam response

Potential Action based on clinical relevance

Actions are organized by least invasive/expensive first

review patient history for meds, examine patient

Potential Action

code 2121

- 1) CRA score should be considered low risk for cancer provided the patient is NOT on anti-inflammatory medication (eg, corticosteroids, NSAIDS).
- 2) CRA testing profile can be associated with the low cobalamin levels in this patient.
- 3) Supplement Vitamin B12 levels according the recommendations on the Vitamin B12 report.

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

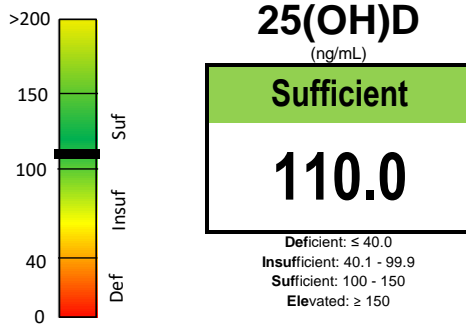


VDI Lab Services
4685 Runway St. Ste K Simi Valley, CA 93063
ph: 805-577-6742 fax: 805-426-8115

PATIENT NAME: Kobe Martin
SPECIMEN ID: 555555
SPECIES: Canine
GENDER: Female Spayed
AGE: 11.0
WEIGHT: 11.4 lb
BREED: Shih Tzu

MRN: 1072558
DRAW DATE: 30-Aug-21
RECEIVED DATE: 3-Sep-21
REPORT DATE: 10-Sep-21
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:
PH:
FAX:



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

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/PLN) | 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
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

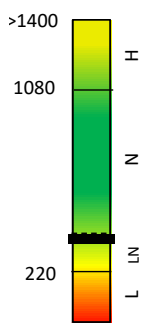


VDI Lab Services
4685 Runway St. Ste K Simi Valley, CA 93063
ph: 805-577-6742 fax: 805-426-8115

PATIENT NAME: Kobe Martin
SPECIMEN ID: 555555
SPECIES: Canine
GENDER: Female Spayed
AGE: 11.0
WEIGHT: 11.4 lb
BREED: Shih Tzu

MRN: 1072558
DRAW DATE: 30-Aug-21
RECEIVED DATE: 3-Sep-21
REPORT DATE: 10-Sep-21
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:
PH:
FAX:



Cobalamin (pg/mL)

Low Normal
387.0

Low (L): <220
Low Normal (LN): 220 - 400
Normal (N): 220 - 1080
High (H): ≥1080

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

B12 Dose at time of draw:

Not Provided

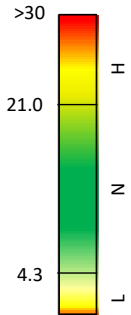
Increase B12 dose by:

61 mcg/day



New Recommended B12 Dose

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



Folate (ng/mL)

Low (L): <4.3
Normal (N): 4.3 - 21.0
High (H): > 21.0

Patient History

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

Folate vs Cobalamin Plot

High	SIBO Excess Dietary Folate		Excess Supplementation
	Low Dietary B12 EPI/IBD/LSA Distal SI Damage	NORMAL	
Low	Small Intestinal Damage EPI/IBD/LSA	Proximal SI Damage Dysbiosis Antibiotics	Proximal SI Damage Excess B12 Supplementation Antibiotics
	Low	Cobalamin	High

Comments

Patient has low normal B12 levels. Recommend supplementing as indicated to raise B12 levels higher in the normal range. Retest in 8-10 weeks if supplementation is prescribed.

Total B12 Dose Recommended:

61 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"/> 10 drops/day	<input type="checkbox"/> 0.25 mL/day
RxB12 Forte <i>Rx Vitamins</i>	1000 mcg/mL 33 mcg/drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/> 2 drops/day	<input type="checkbox"/>

Retest NO SOONER THAN: November 12, 2021