

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: Lucie Parker
SPECIMEN ID: 478959
SPECIES: Canine
GENDER: Female Spayed
AGE: 5.0
WEIGHT: 26.6 lb
BREED: French Bulldog

MRN: 1101863
DRAW DATE: 20-Feb-23
RECEIVED DATE: 27-Feb-23
REPORT DATE: 9-Mar-23
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:

PH:
FAX:

Wellness Dashboard

Vitamin D Sufficient 105.7 Sufficiency: 100-150 ng/mL	B12 Normal 489.9 Normal: 220-1080 pg/mL	Magnesium Normal 2.3 Normal: 1.7-2.9 mg/dL	tCa Normal: 8.5 - 12.0 mg/dL
PTH¹⁻⁸⁴ Normal: 4 - 38 pg/mL	Folate Normal 17.3 Normal: 4.3 - 21.0 ng/mL		

Inflammation (CRP) Optimal: ≤ 2.0 Normal: ≤ 3.9 Mild Inflammation: 4 - 9.9 Moderate Inflammation: 10 - 39.9 High Inflammation: ≥ 40 (mg/L)	Previous 	Chemistries CAR not performed
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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	Previous 	Osteoarthritis (HA) Normal: ≤ 20 Positive: > 20 (ng/mL)	Previous
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500

need consult? email consult@vdi lab.com

Vitamin D Report



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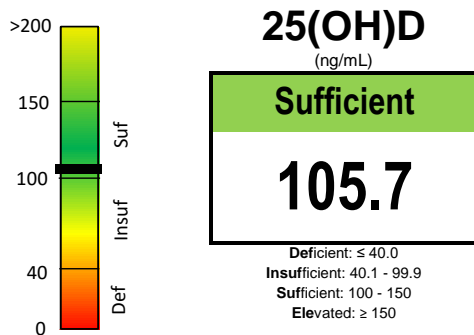
PH:

WEIGHT: 26.6 lb

SAMPLE TYPE: Dried Serum - 2

FAX:

BREED: French Bulldog



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	400 IU/day
<small>For most patients without underlying conditions, or taking corticosteroids</small>	<small>For patients that warrant a higher VitD level and/or those on corticosteroids.</small>

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
- 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	↔	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"/>	<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

*Choose only one product for supplementation

B12 (Cobalamin) Report



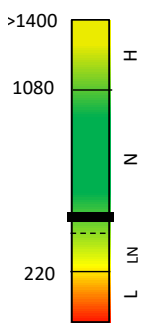
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VETERINARIAN:
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FAX:



Cobalamin

(pg/mL)
Normal
489.9

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

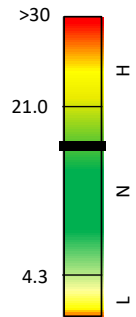
Increase B12 dose by:

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.	



Folate

(ng/mL)
Normal
17.3

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

Folate	High	SIBO Excess Dietary Folate		Excess Supplementation
	Normal	●	Normal	Excess Supplementation Cholangitis
	Low	Small Intestinal Damage CP / EPI / IBD / LSA	Proximal SI Damage Dysbiosis Antibiotics	Proximal SI Damage Antibiotics / LSA / Cholangitis
		Low	High	

Cobalamin
chart assumes unsupplemented patient

need consult? email consult@vdiilab.com

Comments

Patient has normal B12 and Folate levels. If supplementing, maintain current dose and retest in 1 year unless diet or health changes occur.

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

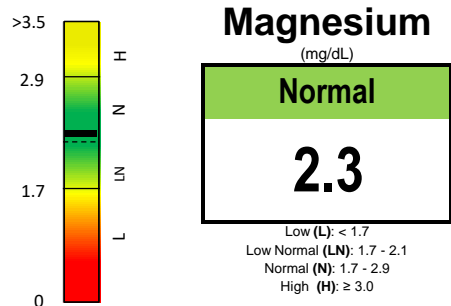


Magnesium Report

PATIENT NAME: Lucie Parker
SPECIMEN ID: 478959
SPECIES: Canine
GENDER: Female Spayed
AGE: 5.0
WEIGHT: 26.6 lb
BREED: French Bulldog

MRN: 1101863
DRAW DATE: 20-Feb-23
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SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:



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@vdlab.com 314

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"/>

Additional Reviewer Comments - need consult? email consult@vdlab.com



PATIENT NAME: Lucie Parker
SPECIMEN ID #: 478959
SPECIES / SEX: Canine / FS
BREED: French Bulldog
AGE: 5.0
WEIGHT: 26.6 lb

MRN: 1101863
COLLECTION DATE: 20-Feb-23
RECEIVED DATE: 27-Feb-23
REPORT DATE: 9-Mar-23
SAMPLE TYPE: Fur

VETERINARIAN:
FACILITY:
PH:
FAX:

Fur/hair is the only matrix suitable for studying a long period of exposure to pollutants. The pollutants circulating in the blood are automatically captured by the weft of the fur when it grows and stays intact. Blood analysis is useful, but contrary to fur/hair analysis, blood is a snapshot and not the culmination of weeks of exposure.

Test	Range	Flag	Previous	Notable	Results	High Values	Comments
			8/22/2022	Change*	PPM		
Ca	700-3000				968.34	▲	Patient values are all within the normal limits indicating no historical or ongoing issues with nutritional or environmental minerals. Retest if major diet or health change occurs, or animal's environment substantially changes.
Co	0.02-1				0.03	▲	
Cr	0.1-5				2.59	▲	
Cu	8-30				11.20	▲	
Fe	25-400				50.73	▲	
K	100-2500				1196.15	▲	
Mg	100-450				212.43	▲	
Mn	1-15				2.04	▲	
Na	700-10000				5095.55	▲	
P	220-500				221.34	▲	
Se	0.4-2.5				1.26	▲	
Si	20-600				44.27	▲	
Sr	0-6				3.06	▲	
V	0-1.2				0.12	▲	
Zn	100-300				103.01	▲	
Ag	0-2				0.89	▲	Patient values are all within the normal limits indicating no historical or ongoing issues with environmental minerals. Retest if major diet or health change occurs, or animal's environment substantially changes.
Al	0-250				30.61	▲	
Au	0-2				0.08	▲	
B	0-5				4.54	▲	
Ba	0-5				1.49	▲	
Be	0-1				0.00	▲	
Li	0-1				0.25	▲	
Mo	0-3				0.10	▲	
Ni	0-5				1.20	▲	
Sn	0-5				0.95	▲	
As	0-3				0.05	▲	Patient has no significant elevation of toxic metals
Cd	0-1				0.12	▲	
Hg	0-0.4				0.17	▲	
Pb	0-10				0.33	▲	

KEY:
 Orange Flag = within 15% of normal range
 Red Flag = outside of 15% of normal range
 Monitoring arrows represent a 20% change from previous test

Reference intervals should be considered as guidelines for comparison with reported test values. These reference ranges were established from a large population of "healthy" animals. They should not be considered as absolute limits for determining deficiency, toxicity or acceptance until fully validated element-specific studies are completed.