

Gastrointestinal Disease Report



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

PATIENT NAME: Rosie Gibbs-Codes
SPECIMEN ID: 172505
SPECIES: Canine
GENDER: Female Spayed
AGE: 3.5
WEIGHT: 59 lb
BREED: Pitbull Mix

MRN: 1072828
DRAW DATE: 7-Mar-22
RECEIVED DATE: 10-Mar-22
REPORT DATE: 12-Mar-22
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:
PH:
FAX:

Gastrointestinal Disease - Dashboard

<p>CRP</p> <p>Normal</p> <p>1.5</p> <p>Normal: ≤ 3.0</p>	<p>B12</p> <p>Low Normal</p> <p>393.9</p> <p>Normal: 220-1080 pg/mL</p>	<p>Folate</p> <p>Low</p> <p>6.9</p> <p>Normal: 4.3 - 21.0 ng/mL</p>	<p>Vitamin D</p> <p>Insufficient</p> <p>92.5</p> <p>Sufficiency: 100-150 ng/mL</p>
<p>TK1</p> <p>Normal</p> <p>1.2</p> <p>Normal: <3.0 U/L</p>	<p>Neoplasia Index</p> <p>Negative</p> <p><1.0</p> <p>Negative: ≤ 5.2</p>	<p>cPL</p> <p>Positive</p> <p>Positive</p> <p>Idexx SNAP cPL</p>	<p>Magnesium</p> <p>Low Normal</p> <p>2.0</p> <p>Normal: 1.7-2.9 mg/dL</p>
<p>Total Protein</p> <p>Normal</p> <p>6.7</p> <p>Range: 5.8 - 8.8 g/dL</p>	<p>Albumin</p> <p>Normal</p> <p>3.5</p> <p>Range: 2.9 - 4.3 g/dL</p>	<p>Globulin</p> <p>Normal</p> <p>3.2</p> <p>Range: 2.7 - 4.6 g/dL</p>	<p>A/G Ratio</p> <p>Normal</p> <p>1.1</p> <p>Range: 0.7 - 1.5</p>

Interpretation of results based upon patient exhibiting GI signs

Chronic Enteropathy 1122

Negative	No Action
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Pattern is inconsistent with IBD or LSA. Low B12 is associated with pancreatitis.

Pancreatitis 2111

Detected	Moderate Confidence
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Pattern is consistent with pancreatitis.

Protein Losing Enteropathy 2111

Normal	No Action
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There is no evidence the patient has PLE.

Essential Vitamins 2223

Deficiencies Detected	Suppl Warranted
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Patient has been found to have deficiencies with recommended supplementation on attached report.

Reviewer Comments



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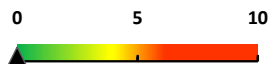
Relevant Context (provided on TRF)

<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 type="checkbox"/> GI Signs	<input type="checkbox"/> Fever	<input type="checkbox"/> Known Disease

Neoplasia Index™

NI fGILSA

Negative
<1.0
Index



Negative: ≤ 5.2
Equivocal: 5.3
Positive: 5.4 - 8.1
High Positive: ≥ 8.2

Interpretive Comments

Results are **INCONSISTENT** with GI LSA

Patient has a negative Neoplasia Index index and inconsistent with GI lymphoma. This profile of TK1/ CRP/ B12 is consistent with normal dog*. An ultrasound is recommended.

TK1

Normal
1.2
U/L



Normal: ≤ 3.0
Equivocal: ≤ 6.6
High (H): 6.6 - 24.9
Highly Elevated (HE): ≥ 25.0

Interpretive Comments

Results are consistent with: **Normal**

TK1 and CRP are within normal limits.

CRP

Normal
1.5
mg/L



Normal: ≤ 3.9
Mild Inflamm (m): 4 - 9.9
Mod Inflamm (M): 10 - 39.9
High Inflamm (H): ≥ 40

Cobalamin

Low Normal
393.9
pgm/L

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

Folate

Normal
6.9
ng/mL

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

Interpretive Comments

Patient has low normal B12 and normal Folate. Increase supplement as indicated and retest in 8-10 weeks.

Contextual Comments (if needed)

profile code 10130 Normal

* The classification of LSA is based upon test result profiling and should not be considered definitive. It is most reliable in the untreated dog. 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



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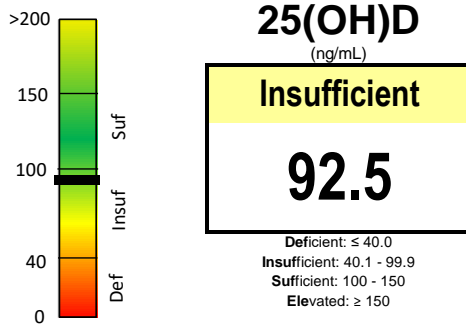
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Dose at time of draw:

Not Provided

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

1200 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
450122	9/9/2021	134.4	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)

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

1200 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"/> 12 drops/day
RxD3 Forte <i>Rx Vitamins</i>	500 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/> 2 drops/day

Retest NO SOONER THAN:

May 21, 2022

B12 (Cobalamin) Report

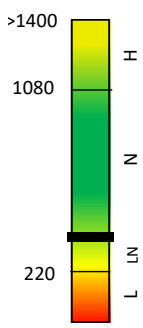


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Cobalamin (pg/mL)

Low Normal
393.9

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

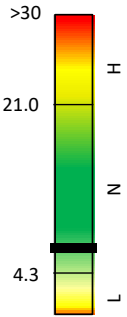
Increase B12 dose by:

313 mcg/day



New Recommended B12 Dose

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



Folate (ng/mL)

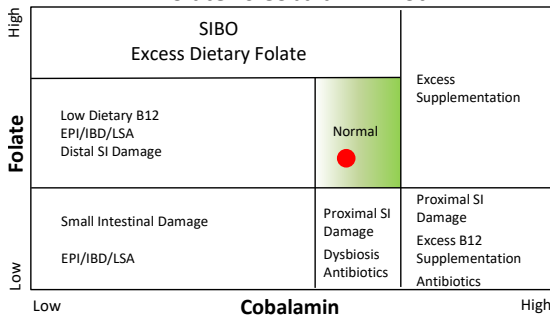
Normal
6.9

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



Comments

Patient has low normal B12 and normal Folate. Increase supplement as indicated and retest in 8-10 weeks.

Total B12 Dose Recommended:

313 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"/> use mL dose	<input type="checkbox"/> 1.25 mL/day
RxB12 Forte <i>Rx Vitamins</i>	1000 mcg/mL 33 mcg/drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/> 10 drops/day	<input type="checkbox"/> 0.25 mL/day

Retest NO SOONER THAN: May 19, 2022

Magnesium Report

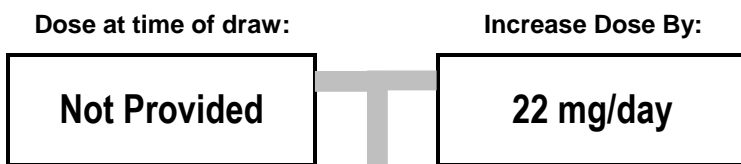
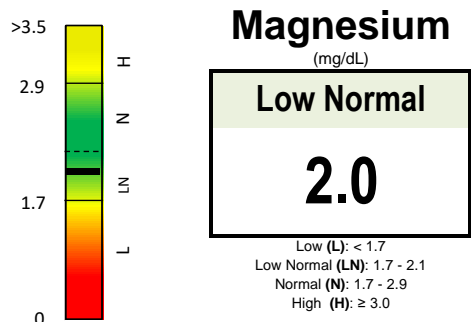


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New Recommended Dose

MagRatio	Not Available
22 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

223

Patient has low normal Magnesium levels. Supplement as indicated. (Daily topical lotion is recommended). Retest in 90 days

Supplementation Guide

Total Dose Recommended:		22 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/day
Other				<input type="checkbox"/>

Retest NO SOONER THAN: June 13, 2022