



Gastrointestinal Disease Report

PATIENT NAME: Chloe Oramas
SPECIMEN ID: 179229
SPECIES / SEX: Canine / FS
AGE: 13.0
WEIGHT: 27 lb
BREED: Cocker Spaniel

MRN: 1056113
DRAW DATE: 8-Jan-24
RECEIVED DATE: 12-Jan-24
REPORT DATE: 12-Jan-24
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:

Gastrointestinal Disease - Dashboard

Gastrointestinal Disease - Dashboard				Related Tests	
B12 Normal 655.4 <small>Normal: 220-1080 pg/mL</small>	Folate Normal 18.7 <small>Normal: 4.3 - 21.0 ng/mL</small>	Vitamin D Sufficient 126.0 <small>Sufficiency: 100-150 ng/mL</small>	Magnesium Normal 2.4 <small>Normal: 1.7-2.9 mg/dL</small>	Allergies Not Tested	
CRP Normal 1.6 <small>Normal: ≤ 4.0</small>	TK1 High 12.5 <small>Normal: <3.0 U/L</small>	Neoplasia Index Negative 3.0 <small>Negative: ≤ 5.2</small>	cPL Positive 869.0 <small>Normal: <200 ng/mL</small>		Addison's Cortisol Not Tested <small>Normal: 2 - 6 ug/dL</small>
Total Protein Normal 8.1 <small>Range: 5.8 - 8.8 g/dL</small>	Albumin Normal 3.5 <small>Range: 2.9 - 4.3 g/dL</small>	Globulin Normal 4.6 <small>Range: 2.7 - 4.6 g/dL</small>	A/G Ratio Normal 0.8 <small>Range: 0.7 - 1.5</small>		Cholangitis ALT ALP Not Tested <small>ALT range: 10-110 U/L ALP range: 9-160 U/L</small>

Interpretation of results based upon patient exhibiting GI signs

Chronic Enteropathy 5213

Negative	No Action
LSA clinical score: <small>Clinical signs not provided on TRF</small> Pattern is inconsistent with IBD or LSA; pancreatitis is indicated. An ultrasound is recommended. Use of corticosteroids can suppress values yielding a possible false negative. Please review patient records.	

Pancreatitis 3210

Detected	High Confidence
Pancreatitis clinical score: <small>Clinical signs not provided on TRF</small> Pattern and positive pancreatic lipase are consistent with pancreatitis.	
Confidence Factors pos cPL TK1/CRP pattern	

Protein Losing Enteropathy 1111

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

Essential Vitamins 1111

Normal	No Action
Patient has no deficiencies detected indicating proper nutrition and intestinal absorption.	

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

--	--



GI Lymphoma Panel

PATIENT NAME: Chloe Oramas
SPECIMEN ID: 179229
SPECIES / SEX: Canine / FS
AGE: 13.0
WEIGHT: 27 lb
BREED: Cocker Spaniel

MRN: 1056113
DRAW DATE: 8-Jan-24
RECEIVED DATE: 12-Jan-24
REPORT DATE: 12-Jan-24
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:

Relevant Context (provided on TRF)

GI Signs

Clinical signs not provided on TRF

Suspected Mass

Enlarged Node

Recommended Action

run additional tests - cPL, serum hyaluronic acid, vector borne testing (eg 4Dx) - call VDI to add

Neoplasia Index®

cGI.LSA

Negative
3.0
 Index

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

TK1

High
12.5
 U/L

Normal: ≤ 3.0
 Equivocal: < 6.6
 High: 6.6 - 25.0
 Highly Elevated: ≥ 25.1

c-CRP

Normal
1.6
 mg/L

Normal: ≤ 3.9
 Mild Inflammation: 4 - 9.9
 Moderate Inflammation: 10 - 39.9
 High Inflammation: ≥ 40

Cobalamin

Normal
655.4
 pgm/L

Low: <220
 Low Normal: 220 - 400
 Normal: 220 - 1080
 High: ≥1080

Folate

Normal
18.7
 ng/mL

Low: <4.3
 Normal: 4.3 - 21.0
 High: >21.0

Treatment:

none or not indicated

Historical

5/10/23	
16.3	

Historical

5/10/23	
15.5	

Interpretive Comments

Results are INCONSISTENT with GI LSA

Patient's Neoplasia Index is negative and inconsistent with intestinal lymphoma. This profile of TK1/ CRP are consistent with possible pancreatitis and other select conditions.

Interpretive Comments

Results are consistent with: PANCREATITIS

Elevated TK1 with a normal inflammatory is consistent with pancreatitis.

Trending and Treatment Comments

Both TK1 and CRP improved significantly from prior. In the unmedicated patient declining TK1 is generally inconsistent with cancer. Corticosteroids or uncontrolled Cushings, can suppress both TK1 and CRP. Other anti-inflammatory medication can suppress CRP. Confirm patient is untreated.

Interpretive Comments

Normal B12 and Folate indicating proper nutritional source and absorption.

Contextual Comments (if needed)

need consult? consult@vdiilab.com

profile code 13140

PANCREATITIS

309

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

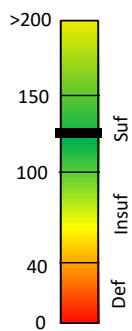


VDI Lab Services
9420 Topanga Cyn Blvd #100 Chatsworth, CA 91311
ph: 805-577-6742 fax: 805-426-8115

PATIENT NAME: Chloe Oramas
SPECIMEN ID: 179229
SPECIES: Canine
GENDER: Female Spayed
AGE: 13.0
WEIGHT: 27 lb
BREED: Cocker Spaniel

MRN: 1056113
DRAW DATE: 8-Jan-24
RECEIVED DATE: 12-Jan-24
REPORT DATE: 12-Jan-24
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:



25(OH)D
(ng/mL)

Sufficient
126.0

Deficient: ≤ 40.0
Insufficient: 40.1 - 99.9
Sufficient: 100 - 150
Elevated: ≥ 150

Dose at time of draw:

1000 IU/day

Change dose by

0 IU/day



New Recommended Dose Range

Low End Sufficiency (~100 ng/mL)	High End Sufficiency (~130 ng/mL)
1000 IU/day	1100 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
422210	5/18/2020	77.7	0
463991	5/9/2022	65.5	0
178028	5/10/2023	128.2	1000

Interpretive Comments - need consult? email consult@vdlab.com

Your patient is found to be sufficient. Continue on the same diet and supplementation 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:		1000 IU/day	↔	1100 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"/> 10 drops/day	<input type="checkbox"/> 11 drops/day
RxD3 Forte <i>Rx Vitamins</i>	500 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/> 2 drops/day	<input type="checkbox"/> 2 drops/day

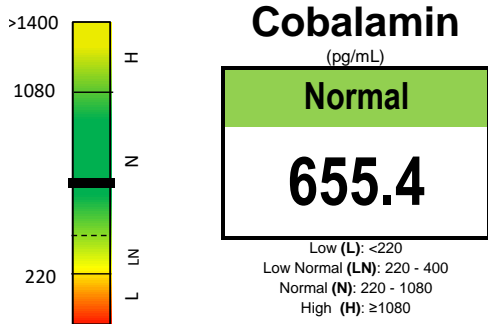


B12 (Cobalamin) Report

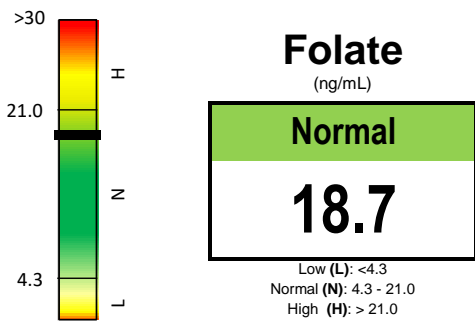
PATIENT NAME: Chloe Oramas
SPECIMEN ID: 179229
SPECIES: Canine
GENDER: Female Spayed
AGE: 13.0
WEIGHT: 27 lb
BREED: Cocker Spaniel

MRN: 1056113
DRAW DATE: 8-Jan-24
RECEIVED DATE: 12-Jan-24
REPORT DATE: 12-Jan-24
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:



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



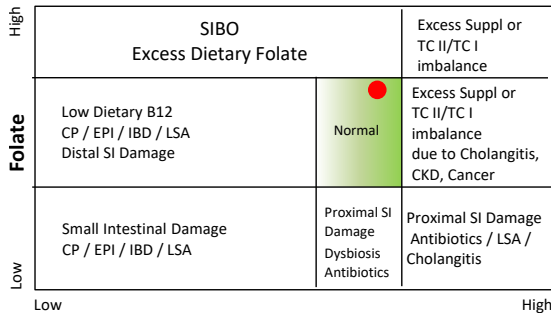
New Recommended B12 Dose

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
178028	5/10/2023	472.4	3.6	0

Folate vs Cobalamin Plot



need consult? email consult@vdiilab.com

Comments

Patient has normal B12 and Folate levels. Maintain current diet and supplementation and retest in 1 year unless health or diet 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

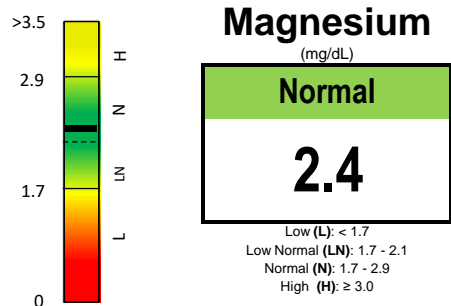


Magnesium Report

PATIENT NAME: Chloe Oramas
SPECIMEN ID: 179229
SPECIES: Canine
GENDER: Female Spayed
AGE: 13.0
WEIGHT: 27 lb
BREED: Cocker Spaniel

MRN: 1056113
DRAW DATE: 8-Jan-24
RECEIVED DATE: 12-Jan-24
REPORT DATE: 12-Jan-24
SAMPLE TYPE: Frozen Serum

VETERINARIAN:
FACILITY:



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 mg/dL	Known Dose mg/day
422210	5/18/2020	1.5	0
178028	5/10/2023	2.2	0

Interpretive Comments - need consult? email consult@vdlab.com 311

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