

PH:

FAX:





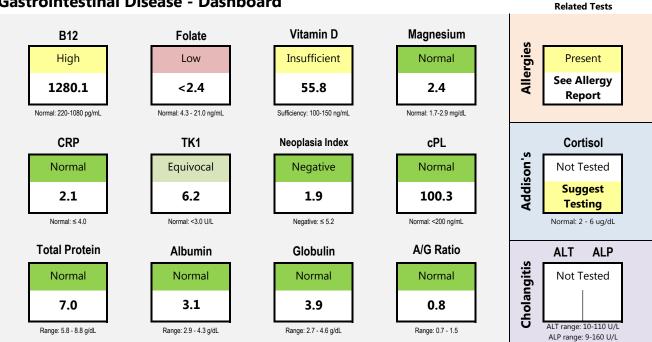
PATIENT NAME: Pixie Dickinson MRN: 1098441 VETERINARIAN: DRAW DATE: 13-Dec-22 SPECIMEN ID: 175819 FACILITY:

RECEIVED DATE: 15-Dec-22 SPECIES: Canine REPORT DATE: 19-Dec-22 GENDER: Female Spayed SAMPLE TYPE: Frozen Serum AGE: 13.0

WEIGHT: 11.8 lb

BREED: Dachshund

Gastrointestinal Disease - Dashboard



Interpretation of results based upon patient exhibiting GI signs

Chronic Enteropathy 5140

No Action Negative

Pattern is inconsistent with IBD or LSA. Other conditions may include VBD, DJD. An ultrasound is recommended. Use of corticosteroids can suppress values yielding a possible false negative. Please review patient records.

Protein Losing Enteropathy 2111 Normal No Action

There is no evidence the patient has PLE.

Pancreatitis

Not Detected No Action Pancreatitis clinical score: 3 out of 5 √Wt Loss, √Letharagy, Diarrhea, Vomiting, √Abd pain Negative pancreatic lipase and other parameters are not supportive of pancreatitis.

Essential Vitamins

Deficiencies Detected Suppl Warranted

Patient has been found to have deficiencies with recommended supplementation on attached report. Elevated B12 may be associated with excess supplementation and/or hepatobiliary disease.

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

Provided the patient is NOT on anti-inflammatory medication, this patient's GI signs may be due to food allergies or insensitivities, Addison's disease, or other pathology. AUS is recommended.

4343

2143

Canine GI Lymphoma Panel



PATIENT NAME: Pixie Dickinson VETERINARIAN: MRN: 1098441 SPECIMEN ID: 175819 DRAW DATE: 13-Dec-22 FACILITY: RECEIVED DATE: 15-Dec-22 SPECIES: Canine GENDER: REPORT DATE: 19-Dec-22 Female Spayed SAMPLE TYPE: Frozen Serum PH: AGE: 13.0 FAX: WEIGHT: 11.8 lb BREED: Dachshund REPORT DATE: 19-Dec-2022 Relevant Context (provided on TRF) Other Recommended Tests or Procedures to Perform

10

>100

> 100

Corticosteroids **Antibiotics NSAIDs** Suspected Mass **GI Signs Enlarged Node** Yes

ultrasound

Neoplasia Index®

cGI.LSA

Negative

Index

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

TK1 Equivocal

6.2



CRP Normal



Mild Inflam (m): 4 - 9.9 Mod Inflam (M): 10 - 39.9 High Inflam (H): ≥ 40

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 possible pancreatitis* however typically B12 will be low. An ultrasound is recommended.

need consult? email consult@vdilab.com

Interpretive Comments

Results are consistent with: possible PANCREATITIS/ OTHER

Elevated TK1 with a normal inflammatory response can sometimes be found in pancreatitis. If the patient is on short term corticosteroids (<6mos) this can suppress both TK1 and CRP potentially yielding a false negative - please check patient medication.

Cobalamin **Folate**

High	Low
1280.1	<2.4
pgm/L	ng/mL

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

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

50

Interpretive Comments

Patient has high B12 levels and low folate. High B12 is usually associated with dietary intake or excess supplementation. Low Folate and High B12 is sometimes seen with proximal SI damage or antibiotic use.

Contextual Comments (If needed)

profile code 11150 possible PANCREATITIS/ OTHER

^{*} The classificication 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.

Allergy Page 1 - Food



PATIENT NAME: Pixie Dickinson MRN: 1098441 **VETERINARIAN:**

SPECIMEN ID #: 175819 COLLECTION DATE: 13-Dec-22 SPECIES / SEX: Canine / FS RECEIVED DATE: 15-Dec-22 BREED Dachshund REPORT DATE: 19-Dec-22 AGE: 13.0 SAMPLE TYPE: Serum

WEIGHT: 11.8 lb

Class	Response	IU/mL		Responses	TOTAL ALLERGEN
0	None	≤ 0.34	NT = Not Tested	Class 1: 21	RESPONSES
1	Low	0.35 - 3.49		Class 2: 3	25
2	Medium	3.5 - 49.99		Class 3: 1	25
3	High	≥ 50			See page 2 for more info

FOOD ALLERGENS

	Meat	Respons	Responses: 1		
No	Name	Panel	IU/mL		Class
1	Pork	Allergy I	<0.15	0	
2	Beef	Allergy I	<0.15	0	
3	Duck	Allergy I	<0.15	0	
4	Chicken	Allergy I	<0.15	0	
5	Lamb	Allergy I	0.575	1	
6	Turkey	Allergy I	<0.15	0	
7	Red deer	Allergy I	<0.15	0	
8	Rabbit	Allergy II	<0.15	0	

No	Name	Panel	IU/mL		Class
1	Pork	Allergy I	<0.15	0	
2	Beef	Allergy I	<0.15	0	
3	Duck	Allergy I	<0.15	0	
4	Chicken	Allergy I	<0.15	0	
5	Lamb	Allergy I	0.575	1	
6	Turkey	Allergy I	<0.15	0	
7	Red deer	Allergy I	<0.15	0	
8	Rabbit	Allergy II	<0.15	0	
					•
	Vanatalala Emit	Mark			-

	Vegetable, Fruit,	Nut	Respons	es:	7
9	Pea	Allergy I	<0.15 0		
10	Soy bean	Allergy I	<0.15	0	
11	Carrot	Allergy I	2	1	
12	Potato	Allergy I	2.8	1	
13	Sweet Potato	Allergy I	1.4	1	
14	Pumpkin	Allergy I	0.725	1	
29	Parsely	Allergy II	<0.15	0	
30	Cabbage	Allergy II	<0.15	0	
31	Cucumber	Allergy II	<0.15	0	
32	Broccoli	Allergy II	<0.15	0	
33	Cauliflower	Allergy II	<0.15	0	
34	Radish	Allergy II	<0.15	0	
35	Paprika	Allergy II	<0.15	0	
36	Spinach	Allergy II	<0.15	0	
15	Tomato	Allergy I	2.82	1	
16	Apple	Allergy I	<0.15	0	
17	Orange	Allergy II	<0.15	0	
18	Strawberry	Allergy II	<0.15	0	
19	Blueberry	Allergy II	0.55	1	
20	Kiwi	Allergy II	<0.15	0	
21	Melon	Allergy II	<0.15	0	
22	Mango	Allergy II	<0.15	0	
23	Banana	Allergy II	<0.15	0	
24	Peach	Allergy II	<0.15	0	
25	Pear	Allergy II	<0.15	0	
26	Pineapple	Allergy II	<0.15	0	
27	Plum	Allergy II	<0.15	0	
28	Watermelon	Allergy II	<0.15	0	
37	Peanut	Allergy I	0.92	1	

^{*}Only groups marked with an asterisk are included in the responsive group classification on the first page.

	Dairy*		Responses: 0			
No	Name	Panel	IU/mL		Class	
38	Milk	Allergy I	<0.15	0		
39	Cheddar/gouda cheese	Allergy I	<0.15	0		
40	α-lactalbumin	Allergy II	<0.15	0		
41	β-lactoglobulin	Allergy II	<0.15	0		
42	Casein	Allergy II	<0.15	0		
43	Buttermilk	Allergy II	<0.15	0		

	Egg		1		
44	Egg white	Allergy I	<0.15	0	
45	Egg yolk	Allergy I	0.6	1	

	Yeast	Responses: 0			
46	Yeast, baker's	Allergy I	<0.15	0	
47	Yeast, brewer's	Allergy II	<0.15	0	

	Grain*		Response	es:	6
48	Wheat	Allergy I	80.69	3	
49	Corn	Allergy I	1.18	1	
50	Rice	Allergy I	0.7	1	
51	Gluten	Allergy II	<0.15	0	
52	Barley	Allergy II	<0.15	0	
53	Oat	Allergy II	0.475	1	
54	Buckwheat	Allergy II	<0.15	0	
55	Millet	Allergy II	<0.15	0	
56	Lentil	Allergy II	0.55	1	
57	Sweet chestnut	Allergy II	<0.15	0	
58	Linseed (Flax seed)	Allergy II	0.45	1	

	Shellfish* & Fis	sh*	Response	es:	0
59	Crab / Shrimp	Allergy I	<0.15	0	
64	Blue mussel / Clam	Allergy II	<0.15	0	
60	Codfish	Allergy I	<0.15	0	
61	Tuna	Allergy I	<0.15	0	
62	Salmon	Allergy I	<0.15	0	
63	Mackerel	Allergy I	<0.15	0	
65	Trout	Allergy II	<0.15	0	
66	Herring	Allergy II	<0.15	0	
67	Sardine	Allergy II	<0.15	0	
68	Anchovy	Allergy II	<0.15	0	
69	Sea bass	Allergy II	<0.15	0	

Allergy Page 2 - Environmental



PATIENT NAME: Pixie Dickinson MRN: 1098441 VETERINARIAN:

	Response	IU/mL		Responses	TOTAL ALLERGEN
0	None	≤ 0.34	NT = Not Tested	Class 1: 21	RESPONSES
1	Low	0.35 - 3.49		Class 2: 3	25
2	Medium	3.5 - 49.99		Class 3: 1	25
3	High	≥ 50			

ENVIRONMENTAL ALLERGENS

	Animal	Responses: 0				
No	Name	Panel	IU/mL	Class		
70	Cat Epithelium/Dander	Allergy I	<0.15	0		
71	Wool, Sheep	Allergy I	<0.15	0		
72	Feather Mix	Allergy I	<0.15	0		
73	Cattle Epithelium	Allergy II	<0.15	0		

Insect* & Mite*			Respons	es:	3
74	Flea	Allergy I	<0.15	0	
75	Cockroach	Allergy I	<0.15	0	
76	Bee venom	Allergy II	<0.15	0	
77	Fire ant	Allergy II	<0.15	0	
78	Mosquito	Allergy II	<0.15	0	
79	Silkworm pupa	Allergy II	<0.15	0	
80	American dust mite ¹	Allergy I	0.98	1	
81	European dust mite ²	Allergy I	4.5	2	
82	Flour mite ³	Allergy I	<0.15	0	
83	Cheese/mold mite4	Allergy I	38	2	
84	Storage mite ⁵	Allergy II	<0.15	0	
85	Tropical dust mite ⁶	Allergy II	<0.15	0	

	Mold*		Respons	es:	0
86	Penicillium notatum	Allergy I	<0.15	0	
87	C. herbarum	Allergy I	<0.15	0	
88	Aspergillus fumigatus	Allergy I	<0.15	0	
89	Candida albicans	Allergy I	<0.15	0	
90	Alternaria alternata	Allergy I	<0.15	0	
91	M. pachydermatis	Allergy I	<0.15	0	

Other			Responses:		0
92	House dust	Allergy II	<0.15	0	
93	CCD	Allergy II	<0.15	0	
94	Hevea latex	Allergy II	<0.15	0	

	Grass*			s:	3
No	Name	Panel	IU/mL		Class
95	Bermuda Grass	Allergy I	4.02	2	
96	Orchard/Timothy Grass	Allergy I	1.38	1	
97	Ryegrass	Allergy I	3.24	1	
98	Cultivated rye	Allergy I	<0.15	0	
99	Sweet vernal grass	Allergy II	<0.15	0	
100	Common reed grass	Allergy II	<0.15	0	
101	Bent grass	Allergy II	<0.15	0	

	Tree*		Response	s:	2
102	Alder/Birch	Allergy I	2	1	
103	Hazel	Allergy I	<0.15	0	
104	Maple leaf sycamore	Allergy I	<0.15	0	
105	Willow/Cottonwood	Allergy I	<0.15	0	
106	Oak	Allergy I	<0.15	0	
107	White Pine	Allergy I	<0.15	0	
108	Acacia	Allergy I	<0.15	0	
109	White Ash	Allergy I	0.375	1	
110	Japanese cedar	Allergy II	<0.15	0	

	Weed*	•	Response	s:	2
111	Common ragweed	Allergy I	<0.15	0	
112	Plantain	Allergy I	<0.15	0	
113	Mugwort	Allergy I	0.425	1	
114	Sheep's sorrel	Allergy I	0.7	1	
115	Japanese hop	Allergy II	<0.15	0	
116	Ox-eye daisy	Allergy II	<0.15	0	
117	Dandelion	Allergy II	<0.15	0	
118	Russian thistle	Allergy II	<0.15	0	
119	Goldenrod	Allergy II	<0.15	0	
120	Common pigweed	Allergy II	<0.15	0	

Additional Information

- 1 Dermatophagoides pteronyssinus
- 2 Dermatophagoides farinae
- 3 Acarus siro

- 4 Tyrophagus putrescentiae
- 5 Glycyphagus domesticus
- 6 Blomia tropicalis

 Only groups indicated with an asterisk are included in the responsive group classification on the first page.

Vitamin D Report



PATIENT NAME: Pixie Dickinson VETERINARIAN:

 SPECIMEN ID:
 175819
 MRN:
 1098441
 FACILITY:

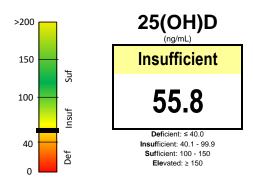
 SPECIES:
 Canine
 DRAW DATE:
 13-Dec-22

 GENDER:
 Female Spayed
 RECEIVED DATE:
 15-Dec-22

 AGE:
 13.0
 REPORT DATE:
 19-Dec-22
 PH:

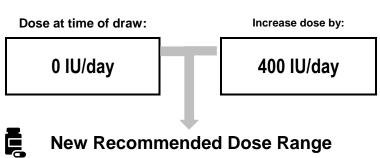
 WEIGHT:
 11.8 lb
 SAMPLE TYPE:
 Frozen Serum
 FAX:

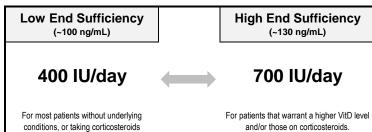
BREED: Dachshund



Patient History

ID	Date	<i>Result</i> ng/mL	Known Dose iu/day





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

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 Dos	e Recommended:	400 IU/day	700 IU/d	day
PRODUCT NAME	PRODUCT STRENGTH	PRODUCT FORMAT	Low End Dose	High End Dose
RxD3 Rx Vitamins	100 IU/ drop	Liquid Drops Applied to food	☐ 4 drops/day	☐ 7 drops/day
RxD3 Forte Rx Vitamins	500 IU/ drop	Liquid Drops Applied to food	☐ 1 drop/day	☐ 1 drop/day

Retest NO SOONER THAN: February 27, 2023

B12 (Cobalamin) Report

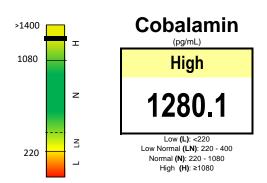


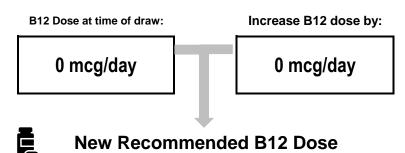
PATIENT NAME: Pixie Dickinson VETERINARIAN: MRN: 1098441 SPECIMEN ID: 175819 DRAW DATE: 13-Dec-22 FACILITY:

SPECIES: RECEIVED DATE: 15-Dec-22 Canine GENDER: Female Spayed REPORT DATE: 19-Dec-22 AGE: 13.0 SAMPLE TYPE: Frozen Serum

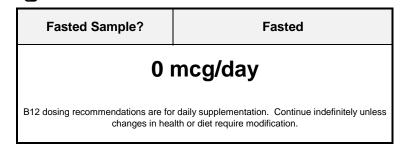
WEIGHT: 11.8 lb BREED: Dachshund

PH: FAX:





>30 **Folate** (ng/mL) 21.0 Low 4.3 Normal (N): 4.3 - 21.0 High **(H)**: > 21.0



ry			
Date	B12 pg/mL	ng/mL	Known B12 Dose mcg/day
			J ,
	•	Date B12	B12 Folate

Folate vs Cobalamin Plot

High	SIBO Excess Dietary Folate		Excess Supplementation				
Folate	Low Dietary B12 CP / EPI / IBD / LSA Distal SI Damage	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						

need consult? email consult@vdilab.com

Comments

Patient has high B12 levels and low folate. High B12 is usually associated with dietary intake or excess supplementation. Low Folate and High B12 is sometimes seen with proximal SI damage or antibiotic use.

chart assumes unsupplemented patient

Total B12 Dose Recommended:			0 mcg/day			
PRODUCT NAME	PRODUCT STRENGTH	PRODUCT FORMAT	Drops Dose	mL Dose		
RxB12 Rx Vitamins	250 mcg/mL 6.5 mcg/drop	Liquid Drops Applied to food				
RxB12 Forte Rx Vitamins	1000 mcg/mL 33 <i>mcg/drop</i>	Liquid Drops Applied to food				

Magnesium Report

BREED:



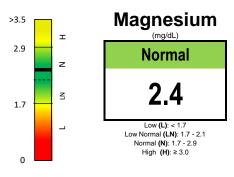
PATIENT NAME:Pixie DickinsonMRN:1098441VETERINARIAN:SPECIMEN ID:175819DRAW DATE:13-Dec-22FACILITY:SPECIES:CanineRECEIVED DATE:15-Dec-22

 GENDER:
 Female Spayed
 REPORT DATE:
 19-Dec-22

 AGE:
 13.0
 SAMPLE TYPE:
 Frozen Serum

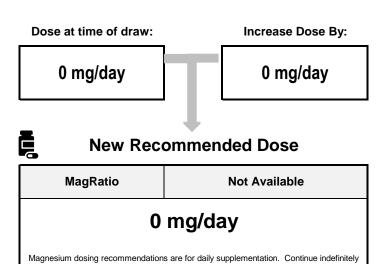
 WEIGHT:
 11.8 lb

PH: FAX:



Dachshund

Patient History ID Date Result Known Dose m g/dL mg/day



unless changes in health or diet require modification.

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 Magnum Solace	50 mg/mL	0.23 mL/pump 11.5 mg/pump	Topical Lotion	
Other				

Additional Reviewer Comments - need consult? email consult@

Retest NO SOONER THAN: