



PATIENT NAME: Kobe Peters
SPECIMEN ID: 450110
SPECIES: Feline
GENDER: Female Spayed
AGE: 14.3
WEIGHT: 8.9 lb
BREED: DSH

MRN: 1073240
DRAW DATE: 20-Sep-21
RECEIVED DATE: 27-Sep-21
REPORT DATE: 27-Sep-21
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:

REPORT DATE: 27-Sep-2021

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

Positive

5.9

Index



Negative: ≤ 5.2
Equivocal: 5.3
Positive: 5.4 - 7.2
High Positive: ≥ 7.3

TK1

High

8.5

U/L



Normal: ≤ 3.0
Equivocal: ≤ 6.6
High (H): 6.6 - 20.0
Highly Elevated (HE): ≥ 20.1

HPT

Mild

132.7

mg/L



Decreased (D): < 25
Normal: 25 - 64.9
Mild Inflamm (m): 65 - 225
High Inflamm (H): ≥ 225.1

Cobalamin

Low

133.2

pgm/L

Low (L): <268
Low Normal (LN): 268 - 400
Normal (N): 268 - 1478
High (H): ≥1479

Folate

Normal

8.5

ng/mL

Low (L): <7.3
Normal (N): 7.3 - 21.6
High (H): > 21.6

Interpretive Comments

Results are consistent with LSA

Patient has a positive Neoplasia Index indicative of GI lymphoma. This profile of TK1/ HPT/ B12 is consistent with small cell lymphoma*. An ultrasound is recommended.

Interpretive Comments

High TK1 with a mild inflammatory response is commonly found in small cell lymphoma. If the patient is on corticosteroids, both TK1 and HPT may be higher as these medications suppress the inflammatory and proliferative response.

Interpretive Comments

Patient has low B12 and normal Folate levels, sometimes associated with Low dietary intake, or damage to the distal portion of the small intestines. Disease such as EPI, IBD, or LSA may cause the SI damage. Supplement as indicated and retest in 8-10 weeks.

Contextual Comments (if needed)

profile code 32220 SMALL CELL LSA

* 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.

B12 (Cobalamin) Report

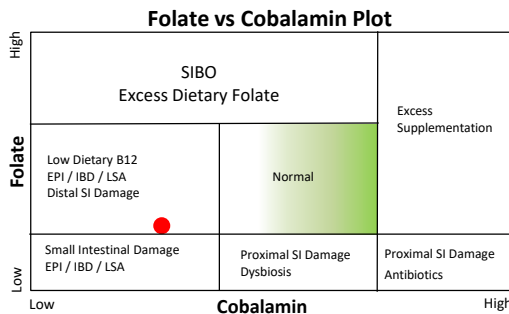
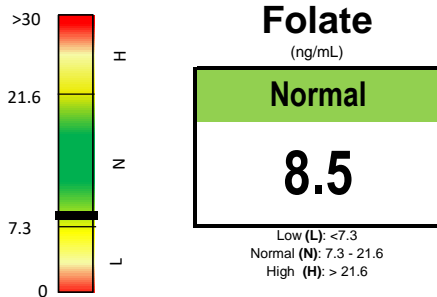
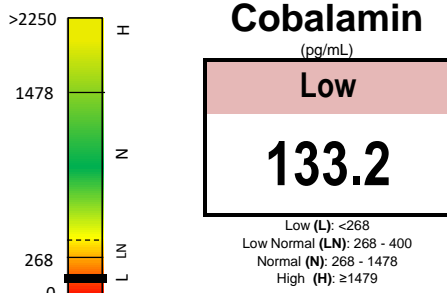


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B12 Dose at time of draw: 0 mcg/day
Increase B12 dose by: 92 mcg/day

New Recommended B12 Dose

Fasted Sample?	Fasted
92 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

*B12 results run prior to 9/7/21 use a different reference range and do not align with current reference range. Contact VDI with questions.

Comments

Patient has low B12 and normal Folate levels, sometimes associated with Low dietary intake, or damage to the distal portion of the small intestines. Disease such as EPI, IBD, or LSA may cause the SI damage. Supplement as indicated and retest in 8-10 weeks.

Total B12 Dose Recommended:

92 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"/> 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"/> 3 drops/day	<input type="checkbox"/>

Retest NO SOONER THAN: December 6, 2021