



PATIENT NAME: Fluffy Smith
SPECIMEN ID: 435221
SPECIES: Feline
GENDER: Female Spayed
AGE: 12.0
WEIGHT: 16.39 lb
BREED: DSH

MRN: 1073237
DRAW DATE: 23-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

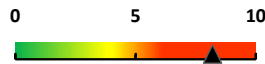
Relevant Context (provided on TRF)

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

Neoplasia Index™

NI fGILSA

High Positive
8.2
Index



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

Interpretive Comments

Results are consistent with LSA

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

TK1

High
11.1
U/L



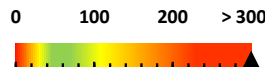
Normal: ≤ 3.0
Equivocal: ≤ 6.6
High (H): 6.6 - 20.0
Highly Elevated (HE): ≥ 20.1

Interpretive Comments

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

HPT

High
323.4
mg/L



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

Interpretive Comments

Patient has low B12 and normal Folate levels. This is consistent with small intestinal damage, possibly due to IBD/LSA or low dietary B12. Supplement as indicated and retest in 8-10 weeks.

Cobalamin

Low
166.5
pgm/L

Folate

Normal
12.3
ng/mL

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

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

Contextual Comments (if needed)

profile code 42320 LARGE 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

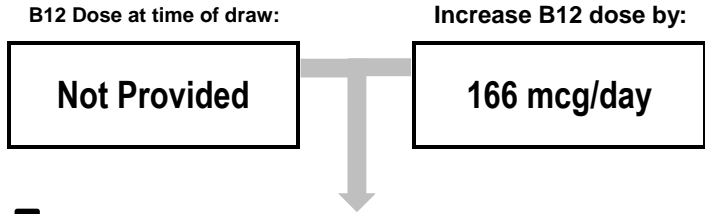
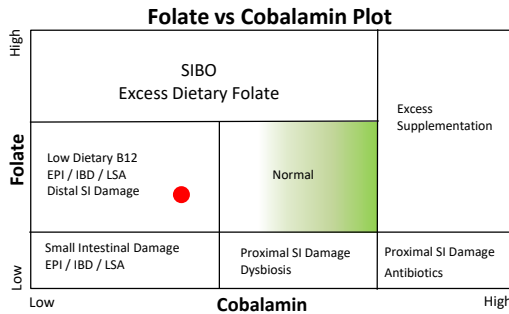
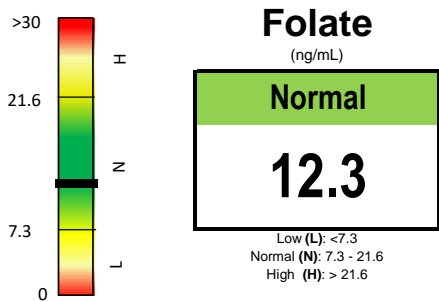
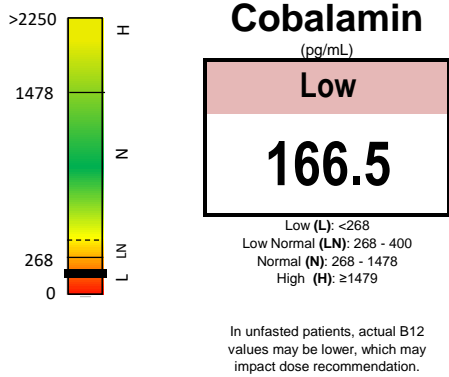


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New Recommended B12 Dose

Fasted Sample?	Unknown
166 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. This is consistent with small intestinal damage, possibly due to IBD/LSA or low dietary B12. Supplement as indicated and retest in 8-10 weeks.

Total B12 Dose Recommended:

166 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"/> 0.75 mL/day
RxB12 Forte <i>Rx Vitamins</i>	1000 mcg/mL 33 mcg/drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/> 6 drops/day	<input type="checkbox"/> 0.25 mL/day

Retest NO SOONER THAN: December 6, 2021