



PATIENT NAME: Binky Mann
SPECIMEN ID: 475766
SPECIES: Feline
GENDER: Male Neutered
AGE: 16.0
WEIGHT: 11.07 lb
BREED: DSH

MRN: 1102370
DRAW DATE: 6-Mar-23
RECEIVED DATE: 10-Mar-23
REPORT DATE: 10-Mar-23
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:

REPORT DATE: 10-Mar-2023

Relevant Context (provided on TRF)

Corticosteroids Antibiotics
 NSAIDs Suspected Mass
 Yes GI Signs Enlarged Node

Other Recommended Tests or Procedures to Perform
 ultrasound

need consult? email consult@vdiilab.com

Neoplasia Index®

fGI.LSA

Negative
4.7
 Index



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

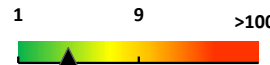
Interpretive Comments

Results are INCONSISTENT with GI LSA

Patient's Neoplasia Index is negative and inconsistent with intestinal lymphoma. This profile of TK1/ HPT/ B12 is consistent with inflammatory bowel disease. An ultrasound is recommended.

TK1

Normal
2.5
 U/L



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

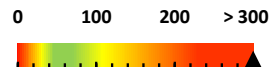
Interpretive Comments

Results are consistent with: IBD

TK1 is within the reference interval with a high inflammatory response and commonly found in inflammatory bowel disease. If the patient is on corticosteroids, both TK1 and HPT may be higher as these medications suppress the inflammatory and proliferative response.

HPT

High
374.6
 mg/dL



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

Cobalamin

Low Normal
385.4
 pgm/L

Folate

Normal
14.0
 ng/mL

Low: <268
 Low Normal: 268 - 400
 Normal: 268 - 1478
 High: ≥1479

Low: <7.3
 Normal: 7.3 - 21.6
 High: > 21.6

Interpretive Comments

Patient has low normal B12 levels with normal Folate. Supplement as indicated and retest in 8-10 weeks.

Contextual Comments (if needed)

profile code 10330 IBD 6.9

* 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

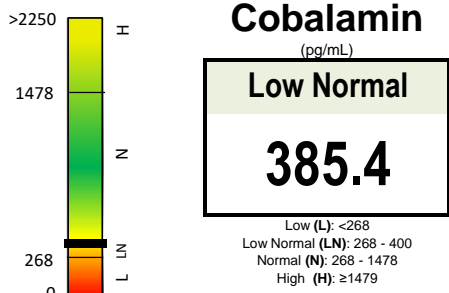


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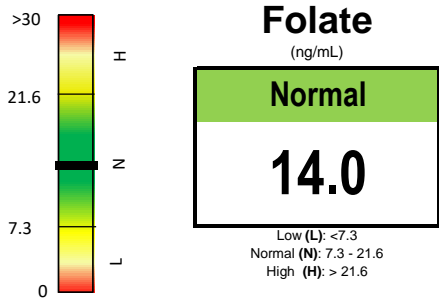
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In unfasted patients, actual B12 values may be lower, which may impact dose recommendation.



Folate vs Cobalamin Plot

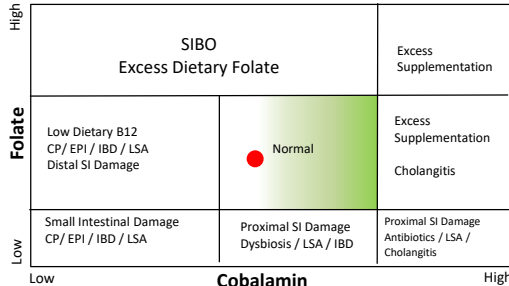


chart assumes unsupplemented patient

B12 Dose at time of draw: **Not Provided**

Increase B12 dose by: **93 mcg/day**



New Recommended B12 Dose

Fasted Sample?	unknown
93 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

need consult? email consult@vdlab.com

Comments

Patient has low normal B12 levels with normal Folate. Supplement as indicated and retest in 8-10 weeks.

Total B12 Dose Recommended:

93 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"/>

*Choose only one product for supplementation

Retest NO SOONER THAN: May 19, 2023