



PATIENT NAME: Sophia Price
SPECIMEN ID: 478581
SPECIES: Canine
GENDER: Female Spayed
AGE: 12.0
WEIGHT: 9.9 lb
BREED: Yorkshire Terrier

MRN: 1102305
DRAW DATE: 3-Mar-23
RECEIVED DATE: 9-Mar-23
REPORT DATE: 9-Mar-23
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:

PH:
FAX:

REPORT DATE: 9-Mar-2023

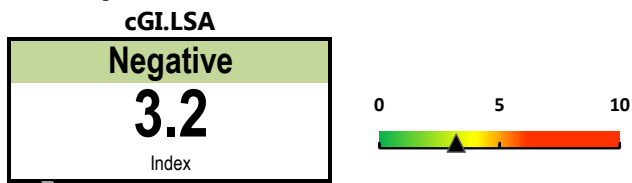
Relevant Context (provided on TRF)

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

Other Recommended Tests or Procedures to Perform
cPL (call VDI to add), ultrasound

need consult? email consult@vdiilab.com

Neoplasia Index®

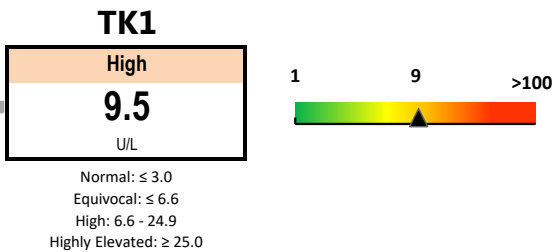


Negative: ≤ 5.2
Equivocal: 5.3
Positive: 5.4 - 8.1
High Positive: ≥ 8.2

Interpretive Comments

Results are INCONSISTENT with GI LSA

Patient's Neoplasia Index is negative and inconsistent with intestinal lymphoma. This profile of TK1/ CRP/ B12 requires further assessment, however should be evaluated for pancreatitis. An ultrasound is recommended.

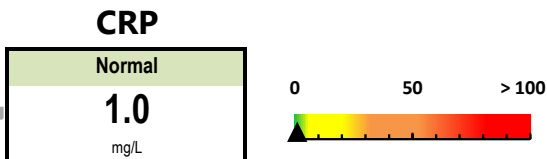


Normal: ≤ 3.0
Equivocal: ≤ 6.6
High: 6.6 - 24.9
Highly Elevated: ≥ 25.0

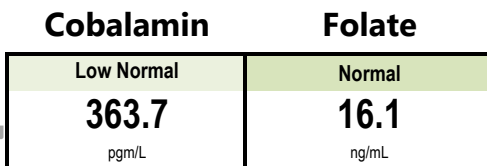
Interpretive Comments

Results are consistent with: possible PANCREATITIS

Elevated TK1 with a normal inflammatory response is commonly found in pancreatitis. Other conditions to evaluate are VBD and DJD. If the patient is on corticosteroids (<6mos) this can suppress both TK1 and CRP potentially yielding a false negative. Check medical records. If the patient has uncontrolled Cushing's disease it can suppress CRP potentially yielding a false negative. Evaluate patient.



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



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

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

Interpretive Comments

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

Contextual Comments (if needed)

profile code 12130 possible PANCREATITIS

* The classification 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.

B12 (Cobalamin) Report

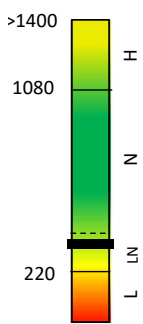


VDI Lab Services
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Cobalamin (pg/mL)

Low Normal
363.7

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

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

B12 Dose at time of draw:

0 mcg/day

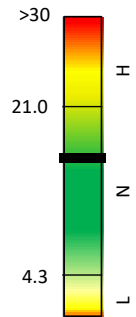
Increase B12 dose by:

55 mcg/day



New Recommended B12 Dose

Fasted Sample?	unknown
55 mcg/day	
B12 dosing recommendations are for daily supplementation. Continue indefinitely unless changes in health or diet require modification.	



Folate (ng/mL)

Normal
16.1

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

Patient History

ID	Date	B12 pg/mL	Folate ng/mL	Known B12 Dose mcg/day

Folate vs Cobalamin Plot

Folate	High	SIBO Excess Dietary Folate	Excess Supplementation
	Normal	Low Dietary B12 CP / EPI / IBD / LSA Distal SI Damage	Excess Supplementation Cholangitis
	Low	Small Intestinal Damage CP / EPI / IBD / LSA	Proximal SI Damage Antibiotics / LSA / Cholangitis
		Low	High

need consult? email consult@vdiilab.com

Comments

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

Cobalamin
chart assumes unsupplemented patient

Total B12 Dose Recommended:

55 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"/> 9 drops/day	<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"/> 2 drops/day	<input type="checkbox"/>

*Choose only one product for supplementation

Retest NO SOONER THAN: May 18, 2023