



PATIENT NAME: Kobe Martin
SPECIMEN ID: 444893
SPECIES: Canine
GENDER: Male Neutered
AGE: 12.9
WEIGHT: 100 lb
BREED: Rottweiler

MRN: 1031544
DRAW DATE: 8-Jun-21
RECEIVED DATE: 14-Jun-21
REPORT DATE: 17-Jun-21
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:

PH:
FAX:

Pre-Stem Cell Therapy Panel

REPORT DATE: 17-Jun-2021

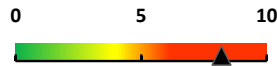
Relevant Context (provided on TRF)

<input type="checkbox"/> Corticosteroids	<input type="checkbox"/> Antibiotics	<input type="checkbox"/> Suspected Mass	<input type="checkbox"/> Hypercalcemia
<input type="checkbox"/> Yes NSAIDs	<input type="checkbox"/> Anemia	<input type="checkbox"/> Enlarged Node	<input type="checkbox"/> B12 Deficiency
<input type="checkbox"/> Chemotherapy	<input type="checkbox"/> Yes GI Signs	<input type="checkbox"/> Fever	<input type="checkbox"/> Conf. Infl Disease
		<input type="checkbox"/> Known Disease	

Neoplasia Index™

Positive
8.2
Index

Negative: <5.3
Equivocal: 5.3
Positive: 5.4 - 8.9
High Positive: ≥ 9.0



Positive Predictive Value
0.92

Interpretive Comments

Patient has sufficient elevation in TK1 and CRP for moderate risk of neoplasia. Full diagnostic workup is recommended. If a mass has been identified, there is a high probability the mass is malignant.

TK1
High
18.9
U/L

Normal: ≤ 2.9
Equivocal (E): 3.0 - 8.9
High (H): ≥ 9.0

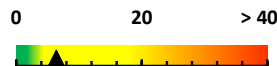


Interpretive Comments

Highly elevated levels of TK1 most commonly occurs in lymphoma and high grade tumors.

cCRP
Low
6.4
mg/L

Normal: ≤ 3.9
Low Inflamm (L): 4 - 9.9
Mod Inflamm (M): 10 - 39.9
High Inflamm (H): ≥ 40



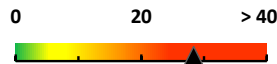
Interpretive Comments

CRP levels are elevated and consistent with cancer and other inflammatory diseases. Since the patient is on anti-inflammatory medications CRP could be higher.

Hyaluronic Acid

Positive
28.4
ng/mL

Negative: ≤ 20
Positive: > 20



Comments

Hyaluronic acid is moderately elevated and indicative of degenerative joint disease. This is useful as a baseline for therapeutic monitoring.

Contextual Comments

code 4222

With severe OA and heavy patients, cellular damage in the joints can cause TK1 to elevate, however usually below 15U/L and no inflammation. With patients elevated TK1/CRP the patient should be evaluated for the presence of cancer prior to therapy.

Vitamin D Report

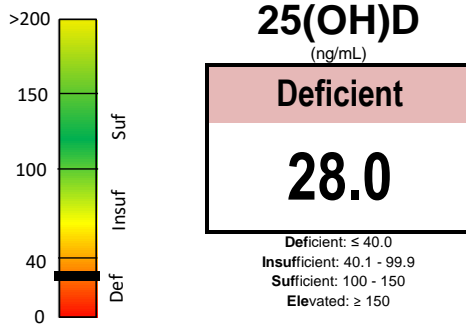


VDI Lab Services
4685 Runway St. Ste K Simi Valley, CA 93063
ph: 805-577-6742 fax: 805-426-8115

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Dose at time of draw:

0 IU/day

Increase dose by:

9600 IU/day



New Recommended Dose Range

Low End Sufficiency
(~100 ng/mL)

High End Sufficiency
(~130 ng/mL)

9600 IU/day

13600 IU/day

For most patients without underlying conditions, or taking corticosteroids

For patients that warrant a higher VitD level and/or those on corticosteroids.

Patient History

ID	Date	Result ng/mL	Known Dose iu/day
400633	9/17/2018	119.9	0

Interpretive Comments

Your patient is found to be deficient. Deficiency greatly increases risk of developing other serious diseases. Supplement with D3 per recommendations and retest in 8-10 weeks or 4 months for obese patients.

RECOMMEND EVALUATING SERUM MAGNESIUM LEVELS- CONTACT VDI

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/PLN)
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 Dose Recommended:

9600 IU/day

13600 IU/day

PRODUCT NAME	PRODUCT STRENGTH	PRODUCT FORMAT	Low End Dose	High End Dose
RxD3 <i>Rx Vitamins</i>	100 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/> 3.25 mL/day	<input type="checkbox"/> 4.5 mL/day
RxD3 Forte <i>Rx Vitamins</i>	500 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/> 0.75 mL/day	<input type="checkbox"/> 1 mL/day

Retest NO SOONER THAN:

August 26, 2021