

Canine Wellness Report



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

PATIENT NAME: Kobe Martin
SPECIMEN ID: 555555
SPECIES: Canine
GENDER: Female Spayed
AGE: 13.2
WEIGHT: 18.2 lb
BREED: Cairn Terrier

MRN: 1072801
DRAW DATE: 8-Sep-21
RECEIVED DATE: 12-Sep-21
REPORT DATE: 13-Sep-21
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:

Wellness Dashboard

<p>Vitamin D</p> Sufficiency: 100-150 ng/mL	<p>B12</p> Normal: 220-1080 pg/mL	<p>Magnesium</p> Normal: 1.7-2.9 mg/dL	<p>tCa</p> Normal: 8.5 - 12.0 mg/dL
<p>PTH¹⁻⁸⁴</p> Normal: 4 - 38 pg/mL	<p>Folate</p> Normal: 4.3 - 21.0 ng/mL		

<p>Inflammation (CRP)</p> <div style="background-color: yellow; padding: 5px; border: 1px solid black;"> <p style="text-align: center; font-weight: bold;">Mild</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">4.8</p> </div> <p>Optimal: ≤ 2.0 Normal: ≤ 3.9 Mild Inflammation (m): 4 - 9.9 Moderate Inflammation (M): 10 - 39.9 High Inflammation (H): ≥ 40 (mg/L)</p>	<p>Previous</p>	<p>Chemistries</p> <div style="background-color: green; padding: 5px; border: 1px solid black;"> <p style="text-align: center; font-weight: bold;">Albumin Normal</p> </div> <p style="color: green; font-weight: bold; font-size: 18px;">● CAR: 1.4</p>
<p>Patient is in a mild inflammatory state. Refer to differential list.</p>		<p>Patient CRP/Albumin Ratio (CAR) is within normal limits.</p>

Additional Tests (canine only)

<p>Cancer Risk</p> <div style="background-color: orange; padding: 5px; border: 1px solid black;"> <p style="text-align: center; font-weight: bold;">Elevated</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">7.4</p> </div> <p>Very Low Risk: ≤ 2.1 Low Risk: 2.2 - 5.2 Elevated Risk: 5.3 - 8.9 Highly Elevated Risk: ≥ 9.0</p>	<p>Previous</p>	<p>Osteoarthritis (HA)</p> Normal: ≤20 Positive: >20 (ng/mL)	<p>Previous</p>
<p>Patient's CRA score is elevated with a heightened likelihood there may be an occult cancerous process.</p>			

9.2

3301

Differential List



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The following differential list is modified based on:

- Outside Ref Interval Within Ref Interval Not Performed Impacts List

Specialty

- Cancer Risk
- CRP
- HPT
- HA
- B12
- Folate
- PTH 1-84

Chemistries

- ALB
- ALT
- ALP
- BUN
- Creatinine
- Glucose
- Total Protein
- Globulin
- AG Ratio
- Calcium
- BUN/Creat Ratio
- Total Bili

Other Modifiers

- Age
- Breed
- Medication

CAR Ratio
1.4

The list of possible sources are common inflammatory diseases that correspond to the level of inflammation in this patient. Potential actions below may aid in further differential diagnosis. **BASED UPON CLINICAL PRESENTATION, SOME SOURCES CAN BE IMMEDIATELY EXCLUDED.**

Possible Source

(in decreasing probability)

Cancer
Vector-borne
Degenerative Joint Disease



Potential Action based on clinical relevance

Actions are organized by least invasive/expensive first

TK1 Cancer Panel (VDI), imaging, biopsy
serological panel
Hyaluronic Acid (VDI), imaging, synovial fluid analysis, sfLDH

Potential Action

code 3300

1) Patient should be carefully evaluated for disease. Recommend routine chemistries and imaging if clinical findings warrant.
2) Since cancer risk is elevated (CRA score), cancer and other inflammatory conditions listed above should be evaluated. Please note this is not an exhaustive list. If found, disease should be treated and Canine Cancer Panel should be performed to confirm resolution.

Comments and recommendations are made in the absence of clinical background on the patient. The list of inflammatory diseases and diagnostic procedures are not exhaustive. For more detailed discussion regarding results, comments, or recommendations, please contact VDI at 805-577-6742.