



PATIENT NAME: Kobe Martin
SPECIMEN ID: 555555
SPECIES: Canine
GENDER: Female Spayed
AGE: 10.0
WEIGHT: 12.7 kg
BREED: Cocker Spaniel

MRN: 1072825
DRAW DATE: 5-Sep-21
RECEIVED DATE: 13-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="border: 1px solid black; padding: 5px; text-align: center;"> <p>Moderate</p> <p>39.6</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="border: 1px solid black; padding: 5px; text-align: center;"> <p style="background-color: #90EE90;">Albumin Normal</p> </div> <p>CAR: 13.7</p> <p>Patient CRP/Albumin Ratio (CAR) is MODERATE suggestive of elevated risk of serious disease. Evaluate patient further.</p>
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Additional Tests (canine only)

<p>Cancer Risk</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p style="background-color: #90EE90;">Low</p> <p>4.8</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>
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Patient's CRA score is low with an unlikely chance of occult cancer.

Differential List



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

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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 Bilirubin

Other Modifiers

- Age
- Breed
- Medication

CAR Ratio
13.7

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)

- Infection
- Parasites
- IMPA
- Kidney disease (non-cancer)
- Myositis
- Fungal

Potential Action based on clinical relevance

Actions are organized by least invasive/expensive first

- left shift, culture, imaging
- serological panel, PCR, imaging
- imaging, synovial fluid analysis
- creat (VDI), PU/PD, urine analysis, SDMA, UP/UC ratio, imaging
- physical examination
- serological panel, culture, imaging

Potential Action

code 2300

- 1) CRA score should be considered low risk for cancer provided the patient is NOT on anti-inflammatory medication (eg, corticosteroids, NSAIDS).
- 2) Patient is in a heightened inflammatory state and may be associated with conditions listed above.

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.