



**PATIENT NAME:** Rosie Stephanus

**VETERINARIAN:** Dr. Michael Brown

**SPECIMEN ID #:** 145555

**DRAW DATE:** 28-Jan-15

**FACILITY:** Main Street Animal Hospital

**SPECIES:** Canine

**RECEIVED DATE:** 29-Jan-15

11 Main Street

**GENDER:** Male Neutered

**SAMPLE TYPE:** Serum

Fairview, CA 99999

**BREED:** Australian Shepherd

**COMMENTS:** none

**PH:** 555-555-5151

**AGE:** 5.0

**FAX:** 555-555-5252

**WEIGHT:** 59 lb

**INCaSe Health Screen**

**REPORT DATE:** 29-Jan-2015

TEST NAME	RESULT	UNITS	FLAG	REFERENCE INTERVAL	INTERPRETIVE COMMENT
<b>CRA Score</b> Cancer Risk Assessment	<b>2.1</b>	index	<b>VERY LOW</b>	Very Low Risk: ≤ 2.1 Low Risk: 2.2 - 5.3 Elevated Risk: 5.4 - 8.9 Highly Elevated Risk: ≥ 9.0	Patient tested significantly below threshold. Very low risk of a major cancer incident within the next 4-6 months.
<b>c-CRP</b> Systemic Inflammation	<b>1.7</b>	mg/L	<b>OPTIMUM</b>	Optimum ≤ 1.9 Normal: ≤ 3.9 Low Inflammation: 4 - 9.9 Moderate Inflammation: 10 - 39.9 High Inflammation: ≥ 40	

**VitDCANINE**

<b>VitD</b> 25 hydroxy-vitamin D	<b>89.0</b>	ng/mL	<b>INSUFFICIENT</b>	Deficient: ≤ 24.9 Insufficient: 25.0 - 99.9 Sufficient: 100 - 120 High: ≥ 150	<b>RxD3 for Pets</b> VDI recommends RxD3 supplement by Rx Vitamins with the following dosage:
<b>Supplementation</b>	<b>Weight</b>	<b>Dose</b>		<b>3 drops per day</b>	
	59 lb	300 IU/day		To order/ support, please call (800) 792-2222	
<p>If 25(OH)D levels are found to be inadequate, supplementation may be warranted. Supplementation will vary based upon initial 25(OH)D level and other variables. Monitoring is recommended to prevent over-supplementation. If 25(OH)D is over 150 ng/mL, it is recommended that diet and/or supplementation be modified to prevent toxicity.</p> <p>Vitamin D3 dosing guideline is a recommendation for routine supplementation. Equilibrium is achieved in about 8-10 weeks and should be re-tested to ensure proper levels. Advise the pet owner not to over-supplement. Ongoing supplementation is required to maintain vitamin D sufficiency and should not require modification unless diet changes or annual testing confirms a change is warranted. Serum calcium should be evaluated prior to supplementation.</p>					

**General Comments**

**INCaSe** is based upon a patented dual biomarker algorithm that has been optimized around dysregulated proliferation marker thymidine kinase type 1 (TK1) and general inflammatory marker, canine C-reactive protein (c-CRP). Studies have shown INCaSe to be highly sensitive in the early detection of cancer in dogs or other serious diseases with no overt signs. INCaSe should NOT be used on dogs with suspected or confirmed cancer.

**CRA Score**

The CRA score unifies TK1 and CRP to assess the overall risk of cancer and other serious diseases. As the CRA score approaches 10, the likelihood of cancer increases significantly. No further action is required if CRA scores are at or below 5.3 as the incidence of a cancer event is extremely low.

CRA scores between 5.4 and 8.9 indicates that TK levels and associated inflammatory response (c-CRP) are above threshold levels. Patient may have an increased risk of neoplasia or other disorders responsible for elevations and should be evaluated. If neoplasia or other diseases are not readily detected, patient should be monitored for the development of signs. In the absence of signs, patient should be retested in approximately one to two months. Please note: The CRA score is highly sensitive. A Positive finding is NOT confirmation of cancer. Retesting will provide further guidance.

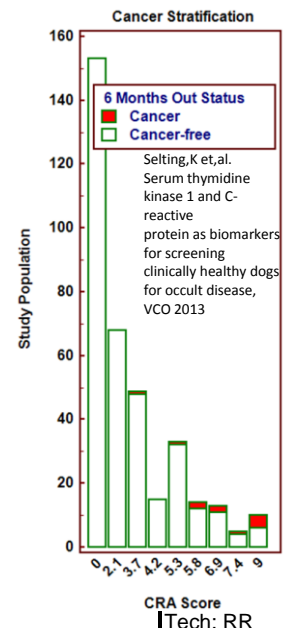
CRA scores 9 and above indicates that both TK1 levels and associated inflammatory response (c-CRP) are significantly above threshold levels. Patients that fall into this category should be promptly evaluated for source of disease.

**C-Reactive Protein**

Serum canine C-reactive protein (c-CRP) has been shown to be an effective measure of general inflammation and health. The concentration of c-CRP correlates to both the severity and duration of the inflammatory stimuli. Transient acute inflammation may be seen after immunization, infection or trauma. Chronic inflammation is often associated with neoplasia and other serious disorders. The source of inflammation should be carefully evaluated.

**Vitamin D**

In addition to calcium metabolism, VitD modulates cell growth, neuromuscular and immune function, and reduces inflammation. Cancer and other serious diseases are associated with low stores of VitD. Supplementation may be required for dogs found deficient or insufficient. For more information, call or visit VDI (www.vdilab.com).



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**SAMPLE REPORT**

VETERINARIAN: **Dr. Michael Brown**  
Main Street Animal Hospital  
11 Main Street  
Fairview, CA 99999  
555-555-5151

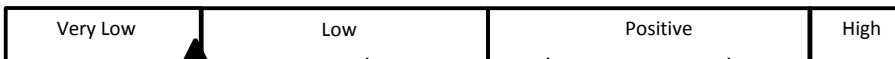
PATIENT NAME: **Rosie Stephanus** Breed Australian Shepherd  
SPECIMEN ID #: **145555** Age 5.0  
Weight 59 lb

**To the parents of Rosie Stephanus:**

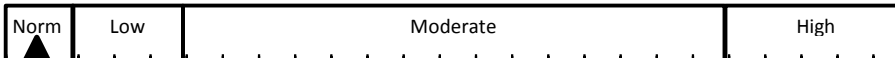


Your dog's results were:

**CRA Score: 2.1**



**CRP: 1.7 mg/L**



*Congratulations! Your dog has been found to have a very low risk (<0.5%) of a cancer event in the next 4-6 months with favorable levels of CRP indicating there is no chronic inflammation. Being proactive in the care of your pet not only helps to avoid costly health bills in the future but makes for a happy member of your household. Please consult with your veterinarian on a disease prevention plan tailored for your dog.*

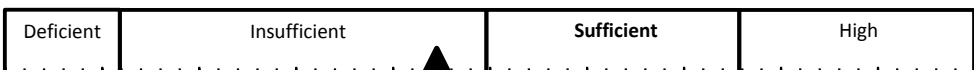
Your veterinarian has chosen the most advanced technology available to evaluate your dog's health and cancer risk – **INCaSe®**. INCaSe utilizes two unique blood tests to find hidden emerging disease including cancer. There are two results given – the CRA Score (Cancer Risk Assessment) and level of inflammation (CRP). By measuring very low levels of inflammation and any irregular cellular division, INCaSe is able to detect disease before it becomes apparent. Your veterinarian is trained to evaluate these results and provide guidance on improving your dog's health.



Your dog's results were:

**Vitamin D: 89 ng/mL**

**Supplementation Required: 3 drops per day of Rx D3**



*Your dog has been found to be vitamin D insufficient and requires supplementation. Since diet is the primary source of vitamin D an oral supplement is being recommended. The amount provided should be followed carefully - too little and vitamin D sufficiency will not be achieved and too much can be toxic. DO NOT USE HUMAN SUPPLEMENTS. Human supplements are typically too strong for dogs, particularly small ones. Supplementation is needed daily and should not be stopped. If other medication is being prescribed, try to supplement at a different feeding time. Should the dog's primary food changes, retesting is recommended to determine if supplementation is still needed. Also as the dog grows older less vitamin D is absorbed from the food so annual testing is recommended. Please consult with your veterinarian on a disease prevention plan tailored for your dog.*

Vitamin D is a vital nutrient for your pet, and low amounts have been linked to a variety of diseases including cancer. Having sufficient vitamin D helps to reduce chronic inflammation, boost immunity, and promote a healthy body. However, unlike in humans where vitamin D is made from sunlight, your pet's primary source of vitamin D is from their food. Many pets have insufficient levels of vitamin D which increases their risk to a wide variety of diseases.



**VDI Laboratory**  
For more information visit:  
[www.pets.vdilab.com](http://www.pets.vdilab.com)

