

Allergy Panel Dashboard



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

PATIENT NAME: Otis Taris
SPECIMEN ID: 479792
SPECIES: Canine
GENDER: Male Neutered
AGE: 4.0
WEIGHT: 33 lb
BREED: Australian Cattle Dog

MRN: 1102302
DRAW DATE: 2-Mar-23
RECEIVED DATE: 9-Mar-23
REPORT DATE: 10-Mar-23
SAMPLE TYPE: Dried Serum - 2

VETERINARIAN:
FACILITY:
PH:
FAX:

Food Allergens

Allergen	Class	Group	Allergen	Class	Group
Soy bean	3	Veg			
Pork	1	Meat			
Peanut	1	Nut			
Lentil	1	Grain			

Environmental Allergens

Allergen	Class	Group	Allergen	Class	Group
Cheese/mold mite	1	Mite			
Oak	1	Tree			
Mugwort	1	Weed			
Bermuda Grass	1	Grass			
Alternaria alternata	1	Mold			

Total Class 1

8

Total Class 2

0

Total Class 3

1

Responsive Groups

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Inflammation

Mild
7.6

Normal: ≤ 4.0

Vitamin D

Sufficient
122.1

Sufficiency:
 100-150 ng/mL

Clinical Signs Associated with Canine AD

5+ is consistent with canine AD

The following criteria were indicated:

- Affected ear pinnae
- Affected front feet
- Age of onset <3 years
- Chronic/recurring yeast infections
- Corticosteroid-responsive pruritis
- Mostly indoor lifestyle
- Nonaffected dorsolumbar area
- Pruritis without skin lesions at onset

6 Total - consistent with canine AD

Canine atopic dermatitis (CAD) is typically associated with hypersensitivity to environmental allergens, although food allergies may coexist. Prior to a diagnosis of CAD, fleas and other ectoparasites should be ruled-out. Clinical criteria have been developed to help distinguish CAD. Allergen tests are not diagnostic in isolation. Rather, they support a clinical diagnosis of CAD and are used to indicate which allergens may be triggering the disease.

The most common CAD associated environmental allergens are pollens (grass, weed and/or tree), dust, mites, and mold, and common food allergens are beef, chicken, dairy, and wheat.

IgE has a relatively short half-life therefore class 1 allergens may represent weak allergic responses unrelated to CAD or prior allergy that the patient is not currently exposed to (ie, seasonal allergies) - care should be given to class 1 allergens accordingly. Class 2 and 3 allergens are moderate/strong reaction and worthy of immediate investigation.

Vitamin D plays an important role in the immune regulatory process and patients low in Vitamin D should be supplemented. If Vitamin D is deficient, a change in food may be warranted. Food changes require a 60-day equilibrium and retesting prior to D3 supplementation. Vitamin D has been shown to have a steroid sparing effect.

Reviewer Comments - need consult? email consult@vdiilab.com



Allergy Page 1 - Food

PATIENT NAME: Otis Taris
SPECIMEN ID #: 479792
SPECIES / SEX: Canine / MN
BREED: Australian Cattle Dog
AGE: 4.0
WEIGHT: 33 lb

MRN: 1102302
COLLECTION DATE: 2-Mar-23
RECEIVED DATE: 9-Mar-23
REPORT DATE: 10-Mar-23
SAMPLE TYPE: Serum

VETERINARIAN:
FACILITY:

Class	Response	IU/mL	Responses	TOTAL ALLERGEN RESPONSES
0	None	≤ 0.34	Class 1: 8	9 <i>See page 2 for more info</i>
1	Low	0.35 - 3.49	Class 2: 0	
2	Medium	3.5 - 49.99	Class 3: 1	
3	High	≥ 50		

FOOD ALLERGENS

Meat		Responses: 1			
No	Name	Panel	IU/mL	Class	
1	Pork	Allergy I	0.63	1	
2	Beef	Allergy I	<0.15	0	
3	Duck	Allergy I	<0.15	0	
4	Chicken	Allergy I	<0.15	0	
5	Lamb	Allergy I	<0.15	0	
6	Turkey	Allergy I	<0.15	0	
7	Red deer	Allergy I	<0.15	0	
8	Rabbit	Allergy II	<0.15	0	

Dairy*		Responses: 0			
No	Name	Panel	IU/mL	Class	
38	Milk	Allergy I	<0.15	0	
39	Cheddar/gouda cheese	Allergy I	<0.15	0	
40	α-lactalbumin	Allergy II	<0.15	0	
41	β-lactoglobulin	Allergy II	<0.15	0	
42	Casein	Allergy II	<0.15	0	
43	Buttermilk	Allergy II	<0.15	0	

Egg		Responses: 0			
No	Name	Panel	IU/mL	Class	
44	Egg white	Allergy I	<0.15	0	
45	Egg yolk	Allergy I	<0.15	0	

Yeast		Responses: 0			
No	Name	Panel	IU/mL	Class	
46	Yeast, baker's	Allergy I	<0.15	0	
47	Yeast, brewer's	Allergy II	<0.15	0	

Vegetable, Fruit, Nut		Responses: 2			
No	Name	Panel	IU/mL	Class	
9	Pea	Allergy I	<0.15	0	
10	Soy bean	Allergy I	>100	3	
11	Carrot	Allergy I	<0.15	0	
12	Potato	Allergy I	<0.15	0	
13	Sweet Potato	Allergy I	<0.15	0	
14	Pumpkin	Allergy I	<0.15	0	
29	Parsely	Allergy II	<0.15	0	
30	Cabbage	Allergy II	<0.15	0	
31	Cucumber	Allergy II	<0.15	0	
32	Broccoli	Allergy II	<0.15	0	
33	Cauliflower	Allergy II	<0.15	0	
34	Radish	Allergy II	<0.15	0	
35	Paprika	Allergy II	<0.15	0	
36	Spinach	Allergy II	<0.15	0	
15	Tomato	Allergy I	<0.15	0	
16	Apple	Allergy I	<0.15	0	
17	Orange	Allergy II	<0.15	0	
18	Strawberry	Allergy II	<0.15	0	
19	Blueberry	Allergy II	<0.15	0	
20	Kiwi	Allergy II	<0.15	0	
21	Melon	Allergy II	<0.15	0	
22	Mango	Allergy II	<0.15	0	
23	Banana	Allergy II	<0.15	0	
24	Peach	Allergy II	<0.15	0	
25	Pear	Allergy II	<0.15	0	
26	Pineapple	Allergy II	<0.15	0	
27	Plum	Allergy II	<0.15	0	
28	Watermelon	Allergy II	<0.15	0	
37	Peanut	Allergy I	0.92	1	

Grain*		Responses: 1			
No	Name	Panel	IU/mL	Class	
48	Wheat	Allergy I	<0.15	0	
49	Corn	Allergy I	<0.15	0	
50	Rice	Allergy I	<0.15	0	
51	Gluten	Allergy II	<0.15	0	
52	Barley	Allergy II	<0.15	0	
53	Oat	Allergy II	<0.15	0	
54	Buckwheat	Allergy II	<0.15	0	
55	Millet	Allergy II	<0.15	0	
56	Lentil	Allergy II	0.55	1	
57	Sweet chestnut	Allergy II	<0.15	0	
58	Linseed (Flax seed)	Allergy II	<0.15	0	

Shellfish* & Fish*		Responses: 0			
No	Name	Panel	IU/mL	Class	
59	Crab / Shrimp	Allergy I	<0.15	0	
64	Blue mussel / Clam	Allergy II	<0.15	0	
60	Codfish	Allergy I	<0.15	0	
61	Tuna	Allergy I	<0.15	0	
62	Salmon	Allergy I	<0.15	0	
63	Mackerel	Allergy I	<0.15	0	
65	Trout	Allergy II	<0.15	0	
66	Herring	Allergy II	<0.15	0	
67	Sardine	Allergy II	<0.15	0	
68	Anchovy	Allergy II	<0.15	0	
69	Sea bass	Allergy II	<0.15	0	

*Only groups marked with an asterisk are included in the responsive group classification on the first page.



Allergy Page 2 - Environmental

PATIENT NAME: Otis Taris

MRN: 1102302

VETERINARIAN:

Class	Response	IU/mL	Responses	TOTAL ALLERGEN RESPONSES
0	None	≤ 0.34	Class 1: 8	9
1	Low	0.35 - 3.49	Class 2: 0	
2	Medium	3.5 - 49.99	Class 3: 1	
3	High	≥ 50		

NT = Not Tested

ENVIRONMENTAL ALLERGENS

Animal			Responses: 0	
No	Name	Panel	IU/mL	Class
70	Cat Epithelium/Dander	Allergy I	<0.15	0
71	Wool, Sheep	Allergy I	<0.15	0
72	Feather Mix	Allergy I	<0.15	0
73	Cattle Epithelium	Allergy II	<0.15	0

Grass*			Responses: 1	
No	Name	Panel	IU/mL	Class
95	Bermuda Grass	Allergy I	0.63	1
96	Orchard/Timothy Grass	Allergy I	<0.15	0
97	Ryegrass	Allergy I	<0.15	0
98	Cultivated rye	Allergy I	<0.15	0
99	Sweet vernal grass	Allergy II	<0.15	0
100	Common reed grass	Allergy II	<0.15	0
101	Bent grass	Allergy II	<0.15	0

Insect* & Mite*			Responses: 1	
No	Name	Panel	IU/mL	Class
74	Flea	Allergy I	<0.15	0
75	Cockroach	Allergy I	<0.15	0
76	Bee venom	Allergy II	<0.15	0
77	Fire ant	Allergy II	<0.15	0
78	Mosquito	Allergy II	<0.15	0
79	Silkworm pupa	Allergy II	<0.15	0
80	American dust mite ¹	Allergy I	<0.15	0
81	European dust mite ²	Allergy I	<0.15	0
82	Flour mite ³	Allergy I	<0.15	0
83	Cheese/mold mite ⁴	Allergy I	0.6	1
84	Storage mite ⁵	Allergy II	<0.15	0
85	Tropical dust mite ⁶	Allergy II	<0.15	0

Tree*			Responses: 1	
No	Name	Panel	IU/mL	Class
102	Alder/Birch	Allergy I	<0.15	0
103	Hazel	Allergy I	<0.15	0
104	Maple leaf sycamore	Allergy I	<0.15	0
105	Willow/Cottonwood	Allergy I	<0.15	0
106	Oak	Allergy I	0.48	1
107	White Pine	Allergy I	<0.15	0
108	Acacia	Allergy I	<0.15	0
109	White Ash	Allergy I	<0.15	0
110	Japanese cedar	Allergy II	<0.15	0

Mold*			Responses: 1	
No	Name	Panel	IU/mL	Class
86	Penicillium notatum	Allergy I	<0.15	0
87	C. herbarum	Allergy I	<0.15	0
88	Aspergillus fumigatus	Allergy I	<0.15	0
89	Candida albicans	Allergy I	<0.15	0
90	Alternaria alternata	Allergy I	0.58	1
91	M. pachydermatis	Allergy I	<0.15	0

Weed*			Responses: 1	
No	Name	Panel	IU/mL	Class
111	Common ragweed	Allergy I	<0.15	0
112	Plantain	Allergy I	<0.15	0
113	Mugwort	Allergy I	1.2	1
114	Sheep's sorrel	Allergy I	<0.15	0
115	Japanese hop	Allergy II	<0.15	0
116	Ox-eye daisy	Allergy II	<0.15	0
117	Dandelion	Allergy II	<0.15	0
118	Russian thistle	Allergy II	<0.15	0
119	Goldenrod	Allergy II	<0.15	0
120	Common pigweed	Allergy II	<0.15	0

Other			Responses: 0	
No	Name	Panel	IU/mL	Class
92	House dust	Allergy II	<0.15	0
93	CCD	Allergy II	<0.15	0
94	Hevea latex	Allergy II	<0.15	0

Additional Information

- 1 *Dermatophagoides pteronyssinus*
- 2 *Dermatophagoides farinae*
- 3 *Acarus siro*

- 4 *Tyrophagus putrescentiae*
- 5 *Glycyphagus domesticus*
- 6 *Blomia tropicalis*

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Vitamin D Report



VDI Lab Services
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ph: 805-577-6742 fax: 805-426-8115

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AGE: 4.0

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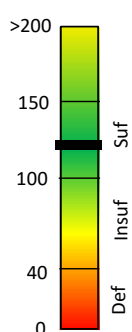
PH:

WEIGHT: 33 lb

SAMPLE TYPE: Dried Serum - 2

FAX:

BREED: Australian Cattle Dog



25(OH)D
(ng/mL)

Sufficient

122.1

Deficient: ≤ 40.0
Insufficient: 40.1 - 99.9
Sufficient: 100 - 150
Elevated: ≥ 150

Dose at time of draw:

0 IU/day

Change dose by

0 IU/day



New Recommended Dose Range

Low End Sufficiency (~100 ng/mL)		High End Sufficiency (~130 ng/mL)
Not Required	↔	100 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

Interpretive Comments - need consult? email consult@vdlab.com

Your patient is found to be sufficient. Continue on the same diet and retest in 1 year unless one of the conditions below is met.

If any of the following occur, wait 2 months from the date of change, then retest:

- | | |
|--|--|
| Major Diet Change | Supplementation is stopped for longer than 4 weeks |
| Change in Health Status (eg PLE) | Patient is put on Corticosteroids |
| Change of Vitamin D supplement or daily treats | Patient is put on NSAIDS |

Supplementation Guide

Total Dose Recommended: **Not Required** ↔ **100 IU/day**

*Choose only one product for supplementation

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"/>	<input type="checkbox"/> 1 drop/day
RxD3 Forte <i>Rx Vitamins</i>	500 IU/ drop	Liquid Drops <i>Applied to food</i>	<input type="checkbox"/>	<input type="checkbox"/>