EDL INTERNATIONAL

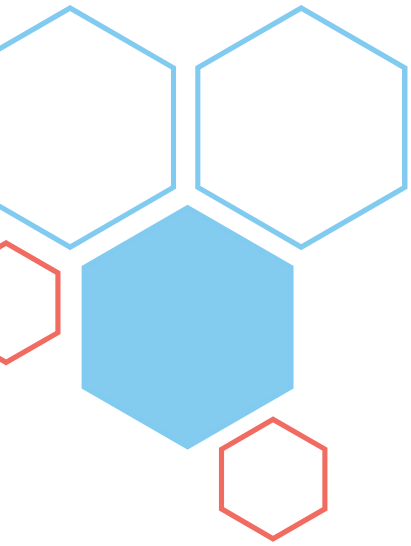
DOG
Allergy Test 125

Allergy Test Report

Case Number

Date

Introduction to
The IgE Test



Allergies in dogs occur when the immune system overreacts to substances that are normally harmless, called **allergens** (e.g., pollens, dust mites, foods). The **IgE test** measures the amount of specific **Immunoglobulin E** (IgE) antibodies in the dog's blood for each tested allergen. **Elevated levels indicate sensitisation** - that is, an abnormal immune response.

This test is useful for identifying potential causes of the following conditions:

- Persistent itching
- Recurrent ear infections (otitis)
- Skin problems (e.g., dermatitis, hair loss)
- Chronic gastrointestinal disorders

The IgE test is based on a blood sample and can be performed **at any time without interrupting the dog's diet.**

Allergies vs. Intolerances

Feature	Allergy (IgE-mediated)	Intolerance (non-IgE)
Origin	Immune-mediated response involving IgE antibodies	Not caused by the immune system; often digestive or metabolic in nature
Reaction Time	Immediate to within a few hours (typically seconds to 1–2 hours)	Delayed reactions—usually from 30 min to several hours, even up to 48–72 h
Typical Symptoms	Itching, swelling, inflammation, rash—can escalate to anaphylaxis in severe cases	Digestive issues like diarrhea, bloating, fatigue; skin symptoms less common and milder
Diagnosis	Skin prick test, specific IgE blood tests; sometimes intradermal tests or oral food challenges	Elimination diets followed by food reintroduction, clinical history; no validated IgEbased testing

- **True allergies** are rarer but more serious.
- **Intolerances** are more common and often related to digestion or the accumulation of substances.

Allergy
Test Results 1/2

Scientific Director:
Dott.ssa Silvia Quattrone

Case Number

Dog's Name

Dog's Sex

No	Name	Code	AU/mL	Class
1	House dust	h1	>100	3
2	G. doomesticus	d73	>100	3
3	Blomia tropicalis	d201	>100	3
4	Japanese hop	w22	>100	3
5	CCD	o214	>100	3
6	Peach	f95	>100	3
7	Sweet vernal grass	g1	>100	3
8	Common reed grass	g7	5,06	2
9	Bent grass	g9	>100	3
10	Japanese cedar	t17	>100	3
11	Ox-eye daisy	w7	<0.15	0
12	Dandelion	w8	6,39	2
13	Russian thistle	w11	82,42	3
14	Goldenrod	w12	>100	3
15	Common pigweed	w14	>100	3
16	Hevea latex	k82	52,63	3
17	Bee venom	i1	>100	3
18	Fire ant	i70	>100	3
19	Mosquito	i71	>100	3
20	Cattle epithelium	e4	36,85	2
21	Silkworm pupa	-	>100	3
22	α-lactalbumin	f76	3,31	1
23	β-lactoglobulin	f77	>100	3
24	Casein	f78	>100	3
25	Buttermilk	f805	11,16	2
26	Gluten	f79	<0.15	0
27	Yeast, Brewer's	f450	<0.15	0
28	Rabbit	f213	>100	3
29	Blue mussel/ Clam	f37/f207	<0.15	0
30	Trout	f204	8,15	2

No	Name	Code	AU/mL	Class
31	Herring	f205	12,34	2
32	Sardine	f308	2,92	1
33	Anchovy	f313	40,14	2
34	Sea bass	f410	2,09	1
35	Barley	f6	<0.15	0
36	Oat	f7	>100	3
37	Buckwheat	f11	>100	3
38	Millet	f56	16,11	2
39	Lentil	f235	0,31	0
40	Sweet chestnut	f299	0,42	1
41	Linseed (Flax seed)	f333	0,39	1
42	Orange	f33	<0.15	0
43	Strawberry	f44	0,62	1
44	Blueberry	f288	<0.15	0
45	Kiwi	f84	>100	3
46	Melon	f87	1,39	1
47	Mango	f91	1,39	1
48	Banana	f92	0,62	1
49	Pear	f94	8,51	2
50	Pineapple	f210	0,27	0
51	Plum	f255	>100	3
52	Watermelon	f329	<0.15	0
53	Parsley	f86	0,33	0
54	Cabbage	f216	<0.15	0
55	Cucumber	f244	<0.15	0
56	Broccoli	f260	>100	3
57	Cauliflower	f291	0,21	0
58	Radish	f310	>100	3
59	Paprika	f218	5,81	2
60	Spinach	f214	<0.15	0

Please note:
Blue mussel/Clam are reported on one line in the table above, so the total number of tested allergens on this page is 61.

Allergy

Test Results 2/2

Scientific Director:
Dott.ssa Silvia Quattrone

Case Number

Dog's Name

Dog's Sex

Nr.	Name	Code	AU/mL	Class	
1	D. pteronyssinus	d1	0.23	0	
2	D. farinae	d2	<0.15	0	
3	Acarus siro	d70	<0.15	0	
4	T. putrescentiae	d72	0.33	0	
5	Alder/Birch	t2/t3	0.26	0	
6	Hazel	t4	<0.15	0	
7	Maple leaf sycamore	t11	<0.15	0	
8	Willow/Cottonwood	t12/t14	<0.15	0	
9	Oak	t7	0.2	0	
10	White pine	t16	<0.15	0	
11	Acacia	t19	<0.15	0	
12	White ash	t15	<0.15	0	
13	Common ragweed	w1	<0.15	0	
14	Plantain	w9	<0.15	0	
15	Mugwort	w6	<0.15	0	
16	Sheep's sorrel	w18	<0.15	0	
17	Bermuda grass	g2	<0.15	0	
18	Orchard/Timothy grass	g3/g6	<0.15	0	
19	Ryegrass	g5	<0.15	0	
20	Cultivated rye	g12	<0.15	0	
21	Cat epithelium	e1	<0.15	0	
22	Wool, sheep	e81	<0.15	0	
23	Feather mix	ex1	<0.15	0	
24	P. notatum	m1	<0.15	0	
25	C. herbarum	m2	<0.15	0	
26	A. fumigatus	m3	<0.15	0	
27	Candida albicans	m5	<0.15	0	
28	A. alternata	m6	<0.15	0	
29	M. pachydermatis	m227	<0.15	0	
30	Flea	B22	<0.15	0	

Nr.	Name	Code	AU/mL	Class	
31	Cockroach	i6	<0.15	0	
32	Pork	f26	<0.15	0	
33	Beef	f27	<0.15	0	
34	Duck meat	f581	<0.15	0	
35	Chicken	f83	<0.15	0	
36	Lamb meat	f88	<0.15	0	
37	Turkey meat	f284	0.19	0	
38	Red deer	f867	<0.15	0	
39	Wheat	f4	0.16	0	
40	Corn	f8	<0.15	0	
41	Rice	f9	<0.15	0	
42	Pea	f12	<0.15	0	
43	Soy bean	f14	<0.15	0	
44	Carrot	f31	<0.15	0	
45	Potato	f35	<0.15	0	
46	Sweet potato	f54	<0.15	0	
47	Pumpkin	f225	<0.15	0	
48	Tomato	f25	<0.15	0	
49	Apple	f49	<0.15	0	
50	Yeast, baker"s	f45	<0.15	0	
51	Egg white	f1	<0.15	0	
52	Egg yolk	f75	0.24	0	
53	Milk	f2	<0.15	0	
54	Cheddar/Gouda cheese	f81	<0.15	0	
55	Crab/Shrimp	f23/f24	<0.15	0	
56	Codfish	f3	<0.15	0	
57	Tuna	f40	<0.15	0	
58	Salmon	f41	<0.15	0	
59	Mackerel	f206	<0.15	0	
60	Peanut	f13	<0.15	0	

Please note:
Alder/ Birch, Willow/Cottonwood, Orchard/Timothy grass, and Crab/Shrimp are each reported on one line in the table above, so the total number of tested allergens on this page is 64.

Reference Values
for Result Interpretation

AU/mL	Class	Specific IgE Quantity per Allergen
≤ 0.34	0	Not detected → No signs of allergy.
0.35-3.49	1	Low → A small amount of IgE; possible mild or non-significant allergy.
3.50~49.99	2	Moderate → A moderate amount of IgE; more evident potential allergic response.
≥ 50.00	3	High → A large amount of IgE; strong probability of allergy to that substance.

AU/mL:
The unit of measurement indicating how much allergen-specific IgE antibody was found in the blood sample.

Class:
A categorical label summarising the quantity of specific IgE to make interpretation easier. The higher the value, the more likely the dog is allergic to that substance. Very low or zero values indicate that there is probably no allergy.

Practical Recommendations:
Avoid reactive allergen: Minimise exposure to identified triggers (e.g., dietary or environmental).
Elimination diet: Use single-protein or hydrolyzed diets for 6–8 weeks if food allergens are suspected.
Consult your veterinarian: Integrate test results with your dog's clinical history and symptoms.
Possible treatments: Options may include antihistamines, immunotherapy, or supplements, depending on vet's advice.

Disclaimer:
The IgE test measures sensitisation, not a definitive clinical diagnosis. Some dogs may show elevated IgE without symptoms, or have normal IgE levels and still exhibit allergic reactions. This report is for informational purposes only and should always be interpreted by a qualified veterinarian.

125 Allergens Covered in Our Test

1. Acacia
2. Acarus Siro
3. Alder
4. Alternaria Alternata
5. Anchovy
6. Apple
7. Aspergillus Fumigatus
8. Banana
9. Barley
10. Bee Venom
11. Beef
12. Bent Grass
13. Bermuda Grass
14. Birch
15. Blomia Tropicalus
16. Blue Mussel
17. Blueberry
18. Broccoli
19. Buckwheat
20. Buttermilk
21. Cabbage
22. Candida Albicans
23. Carrot
24. Casein
25. Cat Epithelium & Dander
26. Cattle Epithelium
27. Cauliflower
28. CCD
29. Cheddar/ Gouda Cheese
30. Chicken
31. Cladosporium Herbarum
32. Clam
33. Cockroach
34. Codfish
35. Common Pigweed
36. Common Ragweed
37. Common Reedgrass
38. Corn
39. Cottonwood
40. Crab
41. Cucumber
42. Cultivated Rye
43. Dandelion
44. Dermatophagoides Farinae
45. Dermatophagoides Pteronyssinus
46. Duck Meat
47. Egg White
48. Egg Yolk
49. Feather Mix
50. Fire Ant
51. Flea
52. Gluten
53. Glycyphagus Domesticus
54. Golden Rod
55. Hazel
56. Herring
57. Hevea Latex
58. House Dust
59. Japanese Cedar
60. Japanese Hop
61. Kiwi
62. Lamb Meat
63. Lentil
64. Linseed (Flax Seed)
65. Mackerel
66. Malassezia
67. Pachydermatis
68. Mango
69. Maple Leaf Sycamore
70. Melon
71. Milk
72. Millet
73. Mosquito
74. Mugwort
75. Oak
76. Oat
77. Orange
78. Orchard
79. Ox-Eye Daisy
80. Paprika
81. Parsley
82. Pea
83. Peach
84. Peanut
85. Pear
86. Penicillium Notatum
87. Pineapple
88. Plum
89. Pork
90. Potato
91. Pumpkin
92. Rabbit
93. Radish
94. Red Deer
95. Rice
96. Russian Thistle
97. Ryegrass
98. Salmon
99. Sardine
100. Sea Bass
101. Sheep's Sorrel
102. Shrimp
103. Silkworm Pupa
104. Soybean
105. Spinach
106. Strawberry
107. Sweet Chestnut
108. Sweet Potato
109. Sweet Vernal Grass
110. Timothy Grass
111. Tomato
112. Trout
113. Tuna
114. Turkey Meat
115. Tyrophagus Putrescentiae
116. Watermelon
117. Wheat
118. White Ash
119. White Pine
120. Willow
121. Wool, Sheep
122. Yeast, Baker's
123. Yeast Brewer's
124. α-Lactalbumin
125. β-Lactoglobulin