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CAT

Allergy Test 125

Allergy Test Report

Case Number:

Date:

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Introduction to The IgE Test

Allergies in cats 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 cat'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 cat'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

Cat's Name

Cat's Sex

No	Name	Code	AU/mL	Class	No	Name	Code	AU/mL	Class
1	House dust	h1	83,8	3	31	Herring	f205	5,95	2
2	G. domesticus	d73	>100	3	32	Sardine	f308	1,46	1
3	Blomia tropicalis	d201	>100	3	33	Anchovy	f313	9,14	2
4	Japanese hop	w22	21,45	2	34	Sea bass	f410	1,68	1
5	CCD	o214	>100	3	35	Barley meal	f6	0,41	1
6	Peach	f95	>100	3	36	Oat	f7	>100	3
7	Sweet vernal grass	g1	>100	3	37	Buckwheat	f11	>100	3
8	Common reed	g7	2,93	1	38	Millet	f56	14,83	2
9	Bent grass	g9	>100	3	39	Lentil	f235	<0.15	0
10	Japanese cedar	t17	>100	3	40	Sweet chestnut	f299	<0.15	0
11	Ox-eye daisy	w7	0,19	0	41	Linseed (Flax seed)	f333	1,43	1
12	Dandelion	w8	11,19	2	42	Orange	f33	0,17	0
13	Russian thistle	w11	>100	3	43	Strawberry	f44	0,41	1
14	Goldenrod	w12	>100	3	44	Blueberry	f288	<0.15	0
15	Common pigweed	w14	>100	3	45	Kiwi	f84	>100	3
16	Hevea latex	k82	>100	3	46	Melon	f87	0,18	0
17	Bee venom	i1	>100	3	47	Mango	f91	0,24	0
18	Fire ant	i70	>100	3	48	Banana	f92	1,68	1
19	Mosquito	i71	>100	3	49	Pear	f94	22,64	2
20	Cattle epithelium	e4	>100	3	50	Pineapple	f210	<0.15	0
21	Silkworm pupa	-	>100	3	51	Plum	f255	>100	3
22	α -lactalbumin	f76	84,16	3	52	Watermelon	f329	<0.15	0
23	β -lactoglobulin	f77	>100	3	53	Parsley	f86	0,39	1
24	Casein	f78	>100	3	54	Cabbage	f216	0,4	1
25	Buttermilk	f805	>100	3	55	Cucumber	f244	<0.15	0
26	Gluten	f79	0,4	1	56	Broccoli	f260	>100	3
27	Yeast, Brewer's	f450	<0.15	0	57	Cauliflower	f291	0,4	1
28	Rabbit meat	f213	>100	3	58	Radish	f310	>100	3
29	Blue mussel/ Clam	f37/f207	<0.15	0	59	Paprika	f218	12,3	2
30	Trout	f204	3,01	1	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

Cat's Name

Cat's Sex

No	Name	Code	AU/mL	Class	No	Name	Code	AU/mL	Class
1	D. pteronyssinus	d1	84,95	3	31	Cockroach	i6	4,97	2
2	D. farinae	d2	>100	3	32	Pork	f26	1,47	1
3	Acarus siro	d70	>100	3	33	Beef	f27	10,56	2
4	T. putrescentiae	d72	21,59	2	34	Duck meat	f581	<0.15	0
5	Alder/ Birch	t2/t3	<0.15	0	35	Chicken	f83	0,41	1
6	Hazel	t4	>100	3	36	Lamb meat	f88	>100	3
7	Maple leaf sycamore	t11	>100	3	37	Turkey meat	f284	>100	3
8	Willow/ Cottonwood	t12/t14	<0.15	0	38	Red deer	f867	15,06	2
9	Oak	t7	>100	3	39	Wheat	f4	<0.15	0
10	White pine	t16	>100	3	40	Corn	f8	<0.15	0
11	Acacia	t19	0,19	0	41	Rice	f9	1,44	1
12	White ash	t15	7,84	2	42	Pea	f12	0,31	0
13	Common ragweed	w1	>100	3	43	Soy bean	f14	0,75	1
14	Plantain	w9	>100	3	44	Carrot	f31	<0.15	0
15	Mugwort	w6	>100	3	45	Potato	f35	>100	3
16	Sheep's sorrel	w18	>100	3	46	Sweet potato	f54	0,81	1
17	Bermuda grass	g2	>100	3	47	Pumpkin	f225	0,4	1
18	Orchard/Timothy	g3/g6	<0.15	0	48	Tomato	f25	1,03	1
19	Ryegrass	g5	>100	3	49	Apple	f49	12,21	2
20	Cultivated rye	g12	>100	3	50	Yeast, baker's	f45	<0.15	0
21	Dog dander	e5	>100	3	51	Egg white	f1	>100	3
22	Wool, sheep	e81	60,94	3	52	Egg yolk	f75	<0.15	0
23	Feather mix	ex1	>100	3	53	Milk	f2	0,51	1
24	P. notatum	m1	>100	3	54	Cheddar/Gouda	f81	0,75	1
25	C. herbarum	m2	>100	3	55	Crab/ Shrimp	f23/f24	<0.15	0
26	A. fumigatus	m3	0,4	1	56	Codfish	f3	>100	3
27	Candida albicans	m5	<0.15	0	57	Tuna	f40	0,62	1
28	A. alternata	m6	>100	3	58	Salmon	f41	>100	3
29	M. pachydermatis	m227	64,89	3	59	Mackerel	f206	8,52	2
30	Flea	B22	3,03	1	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 cat 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 cat'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 cats 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 | 44. Dermatophagoides Pteron- | 86. Pineapple |
| 2. Acarus Siro | yssinus | 87. Plantain |
| 3. Alder | 45. Dog Dander | 88. Plum |
| 4. Alternaria Alternata | 46. Duck Meat | 89. Pork |
| 5. Anchovy | 47. Egg White | 90. Potato |
| 6. Apple | 48. Egg Yolk | 91. Pumpkin |
| 7. Aspergillus Fumigatus | 49. Feather Mix | 92. Rabbit |
| 8. Banana | 50. Fire Ant | 93. Radish |
| 9. Barley | 51. Flea | 94. Red Deer |
| 10. Bee Venom | 52. Gluten | 95. Rice |
| 11. Beef | 53. Glycyphagus Domesticus | 96. Russian Thistle |
| 12. Bent Grass | 54. Goldenrod | 97. Ryegrass |
| 13. Bermuda Grass | 55. Hazel | 98. Salmon |
| 14. Birch | 56. Herring | 99. Sardine |
| 15. Blomia Tropicalis | 57. Hevea Latex | 100. Sea Bass |
| 16. Blue Mussel | 58. House Dust | 101. Sheep's Sorrel |
| 17. Blueberry | 59. Japanese Cedar | 102. Shrimp |
| 18. Broccoli | 60. Japanese Hop | 103. Silkworm Pupa |
| 19. Buckwheat | 61. Kiwi | 104. Soy Bean |
| 20. Buttermilk | 62. Lamb Meat | 105. Spinach |
| 21. Cabbage | 63. Lentil | 106. Strawberry |
| 22. Candida Albicans | 64. Linseed (Flax Seed) | 107. Sweet Chestnut |
| 23. Carrot | 65. Mackerel | 108. Sweet Potato |
| 24. Casein | 66. Malassezia Pachydermatis | 109. Sweet Vernal Grass |
| 25. Cattle Epithelium | 67. Mango | 110. Timothy Grass |
| 26. Cauliflower | 68. Maple Leaf Sycamore | 111. Tomato |
| 27. CCD | 69. Melon | 112. Trout |
| 28. Cheddar/Gouda Cheese | 70. Milk | 113. Tuna |
| 29. Chicken | 71. Millet | 114. Turkey Meat |
| 30. Cladosporium Herbarum | 72. Mosquito | 115. Tyrophagus Putrescentiae |
| 31. Clam | 73. Mugwort | 116. Watermelon |
| 32. Cockroach | 74. Oak | 117. Wheat |
| 33. Codfish | 75. Oat | 118. White Ash |
| 34. Common Pigweed | 76. Orange | 119. White Pine |
| 35. Common Ragweed | 77. Orchard | 120. Willow |
| 36. Common Reed Grass | 78. Ox-Eye Daisy | 121. Wool, Sheep |
| 37. Corn | 79. Paprika | 122. Yeast, Baker's |
| 38. Cottonwood | 80. Parsley | 123. Yeast, Brewer's |
| 39. Crab | 81. Pea | 124. α -Lactalbumin |
| 40. Cucumber | 82. Peach | 125. β -Lactoglobulin |
| 41. Cultivated Rye | 83. Peanut | |
| 42. Dandelion | 84. Pear | |
| 43. Dermatophagoides Farinae | 85. Penicillium Notatum | |