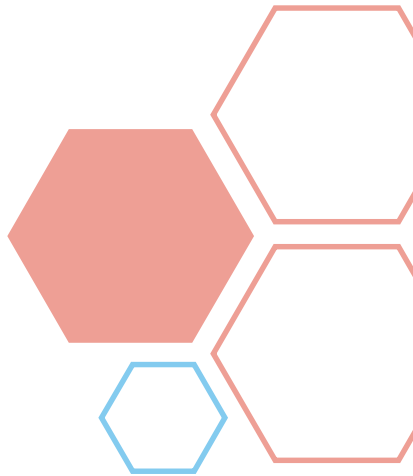




CAT

Allergy Test 64

Allergy Test Report

Case Number:

Date:



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 IgE-based 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

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.

64 Allergens Covered in Our Test

- | | | |
|------------------------------|------------------------------|------------------------------|
| 1. Acacia | 23. Dermatophagoides | 44. Potato |
| 2. Acarus Siro | Pteronyssinus | 45. Pumpkin |
| 3. Alder | 24. Dog Dander | 46. Red Deer |
| 4. Alternaria Alternata | 25. Duck Meat | 47. Rice |
| 5. Apple | 26. Egg White | 48. Ryegrass |
| 6. Aspergillus Fumigatus | 27. Egg Yolk | 49. Salmon |
| 7. Beef | 28. Feather Mix | 50. Sheep's Sorrel |
| 8. Bermuda Grass | 29. Flea | 51. Shrimp |
| 9. Birch | 30. Hazel | 52. Soy Bean |
| 10. Candida Albicans | 31. Lamb Meat | 53. Sweet Potato |
| 11. Carrot | 32. Mackerel | 54. Timothy Grass |
| 12. Cheddar/Gouda Cheese | 33. Malassezia Pachydermatis | 55. Tomato |
| 13. Chicken | 34. Maple Leaf Sycamore | 56. Tuna |
| 14. Cladosporium Herbarum | 35. Milk | 57. Turkey Meat |
| 15. Cockroach | 36. Mugwort | 58. Tyrophagus Putrescentiae |
| 16. Codfish | 37. Oak | 59. Wheat |
| 17. Common Ragweed | 38. Orchard | 60. White Ash |
| 18. Corn | 39. Pea | 61. White Pine |
| 19. Cottonwood | 40. Peanut | 62. Willow |
| 20. Crab | 41. Penicillium Notatum | 63. Wool, Sheep |
| 21. Cultivated Rye | 42. Plantain | 64. Yeast, Baker's |
| 22. Dermatophagoides Farinae | 43. Pork | |