

PATIENT CODE

AALL-110000

PATIENT NAME

Demo Report

SAMPLE CODE

03AAQ01

QR-CODE

03AAQ31A

ALLERGENS

300

TEST METHOD

ALEX<sup>3</sup>

DATE OF BIRTH

01/01/2000

DOCTOR INFORMATION



ANALYSIS DATE

21/11/2025

PRINT DATE

04/12/2025

ADDITIONAL INFORMATION

**Total IgE result: 255 kU/L**

Reference range total IgE  
Adults < 100 kU/L

## LAB REPORT

### Summary of detectable sensitisations



#### POLLEN

Grass Pollen				
Tree Pollen				
Weed Pollen				

#### MITES

House Dust Mites & Storage Mites				
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#### DANDER & EPITHELIA

Farm Animals				
Pets				

#### MICROORGANISMS

Fungal Spores & Yeast				
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#### INSECTS

Cockroach				
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#### VENOMS

Ant, Bee, Wasp, Hornet				
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#### PLANT-BASED FOOD

Fruits				
Grains				
Legumes				
Nuts & Seeds				
Spices				
Vegetables				

#### ANIMAL-BASED FOOD

Egg				
Fish & Seafood				
Meat				
Milk				

#### OTHERS

CCD				
Ficus				
Latex				
Parasite				
Red meat				

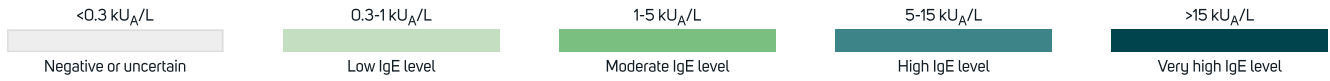
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ALEX<sup>3</sup>

## Measured IgE concentration ranges per allergen group



Summary of all results - be aware that components are not added to the respective extracts (i.e. extracts are not spiked)!

## Pollen

### Grass Pollen

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Timothy grass	⊙	Phl p 12	Profilin	6.15
	⊙	Phl p 2	Expansin	0.14
Bermuda grass	⊙	Cyn d 1	β-Expansin	Negative
Bahia grass	⊙	Pas n		Negative
Timothy grass	⊙	Phl p 1	β-Expansin	Negative
	⊙	Phl p 5.0101	Grass Group 5/6	Negative
	⊙	Phl p 6	Grass Group 5/6	Negative
	⊙	Phl p 7	Polcalcin	Negative
Common reed	⊙	Phr c		Negative
Rye pollen	⊙	Sec c_pollen		Negative
Maize pollen	⊙	Zea m 1	β-Expansin	Negative

### Tree Pollen

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Silver birch	⊙	Bet v 1	PR-10	2.76
Walnut	⊙	Jug r_pollen		0.58
Cypress	⊙	Cup s		0.21
Sugi	⊙	Cry j 1	Pectate Lyase	0.16
Alder	⊙	Aln g 4	Polcalcin	0.13
Acacia	⊙	Aca m		Negative
Tree of heaven	⊙	Ail a		Negative
Alder	⊙	Aln g 1	PR-10	Negative
Silver birch	⊙	Bet v 6	Isoflavon Reductase	Negative
	⊙	Bet v 7	Cyclophilin	Negative
Paper mulberry	⊙	Bro pa		Negative
Arizona cypress	⊙	Cup a 1	Pectate Lyase	Negative
Ash	⊙	Fra e 1	Ole e 1 Family	Negative
Mountain cedar	⊙	Jun a		Negative
Olive	⊙	Ole e 1	Ole e 1 Family	Negative
	⊙	Ole e 7	nsLTP	Negative
	⊙	Ole e 9	β-1,3-Glucanase	Negative
London plane tree	⊙	Pla a 1	Plant Invertase	Negative
	⊙	Pla a 2	Polygalacturonase	Negative
	⊙	Pla a 3	nsLTP	Negative
Oak	⊙	Que a 1	PR-10	Negative

## Weed Pollen

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Ragweed	☰	Amb a		0.49
	⊙	Amb a 1	Pectate Lyase	0.24
Mugwort	⊙	Art v 1	Plant Defensin	0.16
	☰	Art v		0.11
Russian thistle	⊙	Sal k 5	Ole e 1 Family	0.11
Pigweed	☰	Ama r		Negative
Ragweed	⊙	Amb a 4	Plant Defensin	Negative
Mugwort	⊙	Art v 3	nsLTP	Negative
Hemp	☰	Can s		Negative
	⊙	Can s 3	nsLTP	Negative
Lamb's quarter	☰	Che a		Negative
	⊙	Che a 1	Ole e 1 Family	Negative
Wall pellitory	☰	Par j		Negative
	⊙	Par j 2	nsLTP	Negative
Ribwort	⊙	Pla l 1	Ole e 1 Family	Negative
Russian thistle	☰	Sal k		Negative
	⊙	Sal k 1	Pectin Methylsterase	Negative

## Mites

### House Dust Mites & Storage Mites

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
European house dust mite	⊙	Der p 1	Cysteine Protease	29.64
	⊙	Der p 23	Peritrophin-like Protein Domain	18.28
Blomia tropicalis	⊙	Blo t 10	Tropomyosin	6.62
European house dust mite	⊙	Der p 10	Tropomyosin	5.51
Tyrophagus putrescentiae	⊙	Tyr p 10	Tropomyosin	5.37
American house dust mite	⊙	Der f 1	Cysteine Protease	2.31
Acarus siro	☰	Aca s		0.30
European house dust mite	⊙	Der p 7	Mite Group 7	0.18
Blomia tropicalis	⊙	Blo t 5	Mite Group 5/21	0.11
	⊙	Blo t 2	NPC2 Family	Negative
	⊙	Blo t 21	Mite Group 5/21	Negative
American house dust mite	⊙	Der f 2	NPC2 Family	Negative
	⊙	Der f 15	Chitinase	Negative
	⊙	Der f 18	Chitinase-like Protein	Negative
European house dust mite	⊙	Der p 2	NPC2 Family	Negative
	⊙	Der p 5	Mite Group 5/21	Negative
	⊙	Der p 20	Arginine Kinase	Negative
	⊙	Der p 21	Mite Group 5/21	Negative

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Glycyphagus domesticus	⊙	Gly d 2	NPC2 Family	Negative
Lepidoglyphus destructor	⊙	Lep d 2	NPC2 Family	Negative
Tyrophagus putrescentiae	⊘	Tyr p		Negative
	⊙	Tyr p 2	NPC2 Family	Negative

## Dander & Epithelia

### Farm Animals

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Goat	⊘	Cap h_epithelia		0.26
Pig	⊘	Sus d_epithelia		0.20
Horse	⊙	Equ c 3	Serum Albumin	0.19
	⊙	Equ c 4	Latherin	0.13
	⊙	Equ c 1	Lipocalin	0.11
Cattle	⊙	Bos d 2	Lipocalin	Negative

### Pets

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Cat	⊙	Fel d 1	Uteroglobin	16.84
Dog	⊙	Can f 1	Lipocalin	10.81
Dog urine (incl. Can f 5)	⊘	Can f_male urine		3.19
Cat	⊙	Fel d 7	Lipocalin	3.15
Dog	⊙	Can f 6	Lipocalin	1.41
	⊙	Can f Fel d 1 like	Uteroglobin	0.40
	⊙	Can f 3	Serum Albumin	0.23
Rabbit	⊙	Ory c 1	Lipocalin	0.18
	⊙	Ory c 2	Lipocalin	0.15
Cat	⊙	Fel d 2	Serum Albumin	0.13
Dog	⊙	Can f 4	Lipocalin	0.11
	⊙	Can f 2	Lipocalin	Negative
Guinea pig	⊙	Cav p 1	Lipocalin	Negative
Cat	⊙	Fel d 4	Lipocalin	Negative
Golden hamster	⊙	Mes a 1	Lipocalin	Negative
Mouse	⊙	Mus m 1	Lipocalin	Negative
Rabbit	⊙	Ory c 3	Uteroglobin	Negative
Djungarian hamster	⊙	Phod s 1	Lipocalin	Negative
Rat	⊙	Rat n 1	Lipocalin	Negative

## Microorganisms

### Fungal Spores & Yeast

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Aspergillus fumigatus	⊙	Asp f 4	Unknown	0.16
Penicilium chrysogenum	⋮	Pen ch		0.14
Alternaria alternata	⊙	Alt a 1	Alt a 1 Family	Negative
	⊙	Alt a 6	Enolase	Negative
Aspergillus fumigatus	⊙	Asp f 1	Mitogillin Family	Negative
	⊙	Asp f 3	Peroxisomal Protein	Negative
	⊙	Asp f 6	Mn Superoxide Dismutase	Negative
	⊙	Asp f 8	Ribosomal Protein P2	Negative
Cladosporium herbarum	⋮	Cla h		Negative
	⊙	Cla h 8	Mannitol Dehydrogenase	Negative
Malassezia sympodialis	⊙	Mala s 5	Unknown	Negative
	⊙	Mala s 6	Cyclophilin	Negative
	⊙	Mala s 11	Mn Superoxide Dismutase	Negative
	⊙	Mala s 13	Thioredoxin	Negative

## Insects

### Cockroach

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
American cockroach	⊙	Per a 7	Tropomyosin	5.08
German cockroach	⊙	Bla g 1	Nitrite Specifier	0.15
American cockroach	⊙	Per a 6	Troponin C	0.13
German cockroach	⊙	Bla g 2	Aspartic Protease	Negative
	⊙	Bla g 4	Lipocalin	Negative
	⊙	Bla g 5	Glutathione S-Transferase	Negative
	⊙	Bla g 9	Arginine Kinase	Negative
American cockroach	⋮	Per a		Negative

## Venoms

### Ant, Bee, Wasp, Hornet

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Fire ant	⋮	Sol spp		0.55
Honey bee	⊙	Api m 10	Icarapin Variant 2	0.10
	⋮	Api m		Negative
	⊙	Api m 1	Phospholipase A2	Negative
Bald-faced Hornet	⊙	Api m 2	Hyaluronidase	Negative
	⊙	Dol m 2	Hyaluronidase	Negative
	⊙	Dol m 5	Antigen 5	Negative
Paper wasp	⋮	Pol d		Negative
	⊙	Pol d 5	Antigen 5	Negative
Common wasp	⊙	Ves v 1	Phospholipase A1	Negative

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
	<input checked="" type="radio"/>	Ves v 5	Antigen 5	Negative

## Plant-Based Food

### Fruits

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Muskmelon	<input checked="" type="radio"/>	Cuc m 2	Profilin	7.58
Kiwi	<input checked="" type="radio"/>	Act d 1	Cysteine Protease	3.79
Coconut	<input checked="" type="radio"/>	Coc n 1	7/8S Globulin	0.21
Fig	<input type="checkbox"/>	Fic c		0.11
Banana	<input checked="" type="radio"/>	Mus a 2	Class 1 Chitinase	0.11
Apple	<input checked="" type="radio"/>	Mal d 3	nsLTP	0.10
Kiwi	<input checked="" type="radio"/>	Act d 2	Thaumatococcus-like Protein	Negative
	<input checked="" type="radio"/>	Act d 5	Kiwelin	Negative
	<input checked="" type="radio"/>	Act d 10	nsLTP	Negative
Papaya	<input type="checkbox"/>	Car p		Negative
Strawberry	<input checked="" type="radio"/>	Fra a 3	nsLTP	Negative
Apple	<input checked="" type="radio"/>	Mal d 1	PR-10	Negative
Mango	<input checked="" type="radio"/>	Man i 1	Class 4 Chitinase	Negative
Banana	<input checked="" type="radio"/>	Mus a 5	β-1,3-Glucanase	Negative
Avocado	<input type="checkbox"/>	Pers a		Negative
	<input checked="" type="radio"/>	Pers a 1	Class 1 Chitinase	Negative
Cherry	<input checked="" type="radio"/>	Pru av 3	nsLTP	Negative
Peach	<input checked="" type="radio"/>	Pru p 3	nsLTP	Negative
	<input checked="" type="radio"/>	Pru p 7	Gibberellin-regulated Protein	Negative
Pear	<input type="checkbox"/>	Pyr c		Negative
Grape	<input checked="" type="radio"/>	Vit v 1	nsLTP	Negative

### Grains

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Buckwheat	<input type="checkbox"/>	Fag e		1.95
Lupine seed	<input type="checkbox"/>	Lup a		1.37
Buckwheat	<input checked="" type="radio"/>	Fag e 2	2S Albumin	1.23
Cultivated rye	<input type="checkbox"/>	Sec c_flour		0.37
Wheat	<input checked="" type="radio"/>	Tri a aA_TI	α-Amylase Trypsin-Inhibitor	0.35
Quinoa	<input type="checkbox"/>	Che q		0.27
Wheat	<input checked="" type="radio"/>	Tri a 14	nsLTP	0.22
Barley	<input type="checkbox"/>	Hor v		0.20
Millet	<input type="checkbox"/>	Pan m		0.13
Oat	<input type="checkbox"/>	Ave s		Negative
Wheat	<input checked="" type="radio"/>	Tri a 19	Ω-5-Gliadin	Negative

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
	⊙	Tri a 36	Low Molecular Weight Glutenin	Negative
	⊙	Tri a 37	α-Purothionin	Negative
Spelt	⊙	Tri s		Negative
Maize	⊙	Zea m		Negative
	⊙	Zea m 14	nsLTP	Negative

### Legumes

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Soy	⊙	Gly m 8	2S Albumin	10.23
Peanut	⊙	Ara h 2	2S Albumin	8.45
	⊙	Ara h 6	2S Albumin	5.69
Soy	⊙	Gly m 5	7/8S Globulin	4.72
Pea	⊙	Pis s 1	7/8S Globulin	4.34
Peanut	⊙	Ara h 3	11S Globulin	3.73
	⊙	Ara h 1	7/8S Globulin	3.63
Chickpea	⊙	Cic a		2.99
Lentil	⊙	Len c 1	7/8S Globulin	2.64
Soy	⊙	Gly m 6	11S Globulin	2.40
Pea	⊙	Pis s 2	7/8S Globulin	1.32
Lentil	⊙	Len c 3	nsLTP	0.10
Peanut	⊙	Ara h 8	PR-10	Negative
	⊙	Ara h 9	nsLTP	Negative
	⊙	Ara h 15	Oleosin	Negative
	⊙	Ara h 18	Cyclophilin	Negative
Soy	⊙	Gly m 4	PR-10	Negative
Pine nut	⊙	Pin p		Negative
	⊙	Pin p 1	2S Albumin	Negative
Pea	⊙	Pis s 3	nsLTP	Negative

### Nuts & Seeds

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Cashew	⊙	Ana o 3	2S Albumin	14.57
Pecan	⊙	Car i 2 (256-386)	7/8S Globulin	9.79
Pistachio	⊙	Pis v 1	2S Albumin	8.49
Hazelnut	⊙	Cor a 1.0401	PR-10	7.97
Walnut	⊙	Jug r 2	7/8S Globulin	6.64
Hazelnut	⊙	Cor a 14	2S Albumin	4.97
Sesame	⊙	Ses i 1	2S Albumin	4.92
Pecan	⊙	Car i 1	2S Albumin	4.30
	⊙	Car i		4.22
Sesame	⊙	Ses i		3.47
Hazelnut	⊙	Cor a 11	7/8S Globulin	2.90

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Walnut	⊙	Jug r 4	11S Globulin	2.75
Pistachio	⊙	Pis v 3	7/8S Globulin	2.35
Macadamia	⊙	Mac i		2.21
Hazelnut	⊙	Cor a 9	11S Globulin	2.19
Pecan	⊙	Car i 4	11S Globulin	1.94
Pistachio	⊙	Pis v 2	11S Globulin	1.80
Macadamia	⊙	Mac i 1.0101 (28-76)	α-Hairpinin	1.52
Walnut	⊙	Jug r 1	2S Albumin	0.97
Poppy seed	⊙	Pap s 1.0101 (27-846)	α-Hairpinin	0.96
Almond	⊙	Pru du		0.70
Poppy seed	⊙	Pap s		0.52
Almond	⊙	Pru du 6	11S Globulin	0.49
Sunflower seed	⊙	Hel a		0.43
Cashew	⊙	Ana o 1	7/8S Globulin	0.32
Brazil nut	⊙	Ber e		0.28
Cashew	⊙	Ana o 2	11S Globulin	0.23
Brazil nut	⊙	Ber e 1	2S Albumin	Negative
Hazelnut	⊙	Cor a 8	nsLTP	Negative
Pumpkin seed	⊙	Cuc p		Negative
Sunflower seed	⊙	Hel a 3	nsLTP	Negative
Walnut	⊙	Jug r 3	nsLTP	Negative
	⊙	Jug r 6	7/8S Globulin	Negative

## Spices

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Mustard	⊙	Sin a		1.99
	⊙	Sin a 1	2S Albumin	0.65

## Vegetables

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Potato	⊙	Sol t		1.54
Celery	⊙	Api g 6	nsLTP	0.39
Garlic	⊙	All s		0.15
Onion	⊙	All c		Negative
Celery	⊙	Api g 1	PR-10	Negative
	⊙	Api g 2	nsLTP	Negative
	⊙	Api g 7	Plant Defensin	Negative
Tomato	⊙	Sola l		Negative
	⊙	Sola l 6	nsLTP	Negative

## Animal-Based Food

### Egg

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Egg white	☰	Gal d_white		3.03
	⊙	Gal d 3	Ovotransferrin	2.78
	⊙	Gal d 1	Ovomucoid	1.87
Egg yolk	⊙	Gal d 5	Serum Albumin	1.84
	☰	Gal d_yolk		1.20
Egg white	⊙	Gal d 2	Ovalbumin	0.95
	⊙	Gal d 4	Lysozyme C	0.87

### Fish & Seafood

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Giant freshwater prawn	⊙	Mac r 1	Tropomyosin	10.04
Shrimp	☰	Lit spp		8.66
Black tiger shrimp	⊙	Pen m 1	Tropomyosin	8.08
Squid	☰	Lol spp		7.24
Crab	☰	Chi spp		6.70
Venus clam	☰	Rud spp		6.53
Anisakis simplex	⊙	Ani s 3	Tropomyosin	6.18
Northern prawn	☰	Pan b		6.03
Salmon	⊙	Sal s 1	β-Parvalbumin	0.98
Lobster	☰	Hom g		0.90
Atlantic mackerel	⊙	Sco s 1	β-Parvalbumin	0.85
Herring	⊙	Clu h 1	β-Parvalbumin	0.77
Tuna	⊙	Thu a 1	β-Parvalbumin	0.62
Carp	⊙	Cyp c 2	Enolase	0.51
	⊙	Cyp c 1	β-Parvalbumin	0.38
Herring	☰	Clu h		0.27
Swordfish	⊙	Xip g 1	β-Parvalbumin	0.26
Atlantic cod	⊙	Gad m 1	β-Parvalbumin	0.25
Anisakis simplex	⊙	Ani s 1	Kunitz Serine Protease Inhibitor	Negative
Brown shrimp	⊙	Cra c 6	Troponin C	Negative
Whiteleg shrimp	⊙	Lit v 7	Hemocyanin	Negative
Giant freshwater prawn	⊙	Mac r 2	Arginine Kinase	Negative
Black tiger shrimp	⊙	Pen m 2	Arginine Kinase	Negative
	⊙	Pen m 3	Myosin Light Chain	Negative
	⊙	Pen m 4	Sarcoplasmic Calcium-binding Protein	Negative
Thornback ray	☰	Raj c		Negative
	⊙	Raj c Parvalbumin	α-Parvalbumin	Negative
Salmon	☰	Sal s		Negative

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
	<input checked="" type="radio"/>	Sal s 6	Collagen	Negative
Atlantic mackerel	<input type="radio"/>	Sco s		Negative

## Meat

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Mealworm	<input type="radio"/>	Ten m		5.91
House cricket	<input type="radio"/>	Ach d		4.34
Migratory locust	<input type="radio"/>	Loc m		3.13
Beef	<input checked="" type="radio"/>	Bos d 6	Serum Albumin	1.59
Pork	<input checked="" type="radio"/>	Sus d 1	Serum Albumin	1.40
Beef	<input type="radio"/>	Bos d_meat		0.15
Lamb	<input type="radio"/>	Ovi a_meat		0.11
Rabbit	<input type="radio"/>	Ory c_meat		0.10
Horse	<input type="radio"/>	Equ c_meat		Negative
Chicken	<input type="radio"/>	Gal d_meat		Negative
	<input checked="" type="radio"/>	Gal d 7	Myosin Light Chain	Negative
Turkey	<input type="radio"/>	Mel g		Negative

## Milk

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Cow's milk	<input checked="" type="radio"/>	Bos d 11	β-Casein	3.83
Goat's milk	<input type="radio"/>	Cap h_milk		2.91
Cow's milk	<input type="radio"/>	Bos d_milk		1.86
Sheep's milk	<input type="radio"/>	Ovi a_milk		1.80
Cow's milk	<input checked="" type="radio"/>	Bos d 9	α-S1 Casein	1.52
	<input checked="" type="radio"/>	Bos d 8	Casein	1.00
	<input checked="" type="radio"/>	Bos d 4	α-Lactalbumin	0.47
Mare's milk	<input type="radio"/>	Equ c_milk		0.28
Cow's milk	<input checked="" type="radio"/>	Bos d 5	β-Lactoglobulin	0.26
	<input checked="" type="radio"/>	Bos d 10	α-S2 Casein	0.15
	<input checked="" type="radio"/>	Bos d 12	κ-Casein	0.14
Camel's milk	<input type="radio"/>	Cam d		Negative

## Others

### CCD

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Hom s Lactoferrin	<input checked="" type="radio"/>	Hom s LF	CCD	Negative

### Ficus

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Weeping fig	☰	Fic b		Negative

### Latex

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Latex	⊙	Hev b 5	Unknown	0.19
	⊙	Hev b 1	Rubber Elongation Factor	0.12
	⊙	Hev b 6.02	Pro-Hevein	0.10
	⊙	Hev b 3	Small Rubber Particle Protein	Negative
	⊙	Hev b 11	Class 1 Chitinase	Negative

### Parasite

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Pigeon tick	⊙	Arg r 1	Lipocalin	Negative

### Red meat

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Red meat	⊙	Alpha-GAL	α-Gal	Negative

## Information to cross-reactive allergens

### PR-10

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Hazelnut	⊙	Cor a 1.0401	PR-10	7.97
Silver birch	⊙	Bet v 1	PR-10	2.76

### nsLTP

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Celery	⊙	Api g 6	nsLTP	0.39

### Storage Proteins

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Cashew	⊙	Ana o 3	2S Albumin	14.57
Soy	⊙	Gly m 8	2S Albumin	10.23
Pecan	⊙	Car i 2 (256-386)	7/8S Globulin	9.79
Pistachio	⊙	Pis v 1	2S Albumin	8.49
Peanut	⊙	Ara h 2	2S Albumin	8.45
Walnut	⊙	Jug r 2	7/8S Globulin	6.64
Peanut	⊙	Ara h 6	2S Albumin	5.69
Hazelnut	⊙	Cor a 14	2S Albumin	4.97
Sesame	⊙	Ses i 1	2S Albumin	4.92

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Soy	⊙	Gly m 5	7/8S Globulin	4.72
Pea	⊙	Pis s 1	7/8S Globulin	4.34
Pecan	⊙	Car i 1	2S Albumin	4.30
Peanut	⊙	Ara h 3	11S Globulin	3.73
	⊙	Ara h 1	7/8S Globulin	3.63
Hazelnut	⊙	Cor a 11	7/8S Globulin	2.90
Walnut	⊙	Jug r 4	11S Globulin	2.75
Lentil	⊙	Len c 1	7/8S Globulin	2.64
Soy	⊙	Gly m 6	11S Globulin	2.40
Pistachio	⊙	Pis v 3	7/8S Globulin	2.35
Hazelnut	⊙	Cor a 9	11S Globulin	2.19
Pecan	⊙	Car i 4	11S Globulin	1.94
Pistachio	⊙	Pis v 2	11S Globulin	1.80
Macadamia	⊙	Mac i 1.0101 (28-76)	α-Hairpinin	1.52
Pea	⊙	Pis s 2	7/8S Globulin	1.32
Buckwheat	⊙	Fag e 2	2S Albumin	1.23
Walnut	⊙	Jug r 1	2S Albumin	0.97
Poppy seed	⊙	Pap s 1.0101 (27-846)	α-Hairpinin	0.96
Mustard	⊙	Sin a 1	2S Albumin	0.65
Almond	⊙	Pru du 6	11S Globulin	0.49
Cashew	⊙	Ana o 1	7/8S Globulin	0.32

### Lipocalin

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Dog	⊙	Can f 1	Lipocalin	10.81
Cat	⊙	Fel d 7	Lipocalin	3.15
Dog	⊙	Can f 6	Lipocalin	1.41

### Profilin

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Muskmelon	⊙	Cuc m 2	Profilin	7.58
Timothy grass	⊙	Phl p 12	Profilin	6.15

### Parvalbumin

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Salmon	⊙	Sal s 1	β-Parvalbumin	0.98
Atlantic mackerel	⊙	Sco s 1	β-Parvalbumin	0.85
Herring	⊙	Clu h 1	β-Parvalbumin	0.77
Tuna	⊙	Thu a 1	β-Parvalbumin	0.62
Carp	⊙	Cyp c 1	β-Parvalbumin	0.38

## Serum Albumin

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Egg yolk	⊙	Gal d 5	Serum Albumin	1.84
Beef	⊙	Bos d 6	Serum Albumin	1.59
Pork	⊙	Sus d 1	Serum Albumin	1.40

## Tropomyosin

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Giant freshwater prawn	⊙	Mac r 1	Tropomyosin	10.04
Black tiger shrimp	⊙	Pen m 1	Tropomyosin	8.08
Blomia tropicalis	⊙	Blo t 10	Tropomyosin	6.62
Anisakis simplex	⊙	Ani s 3	Tropomyosin	6.18
European house dust mite	⊙	Der p 10	Tropomyosin	5.51
Tyrophagus putrescentiae	⊙	Tyr p 10	Tropomyosin	5.37
American cockroach	⊙	Per a 7	Tropomyosin	5.08

## Uteroglobin

Name	E/M	Allergen	Allergen family	kU <sub>A</sub> /L
Cat	⊙	Fel d 1	Uteroglobin	16.84
Dog	⊙	Can f Fel d 1 like	Uteroglobin	0.40



RAVEN<sup>2</sup> analysis completed on 21.11.2025 14:44. It analysed a total of 299 spots, of which 100 were positive.

### Seasonal (Spring)

The patient did not report any symptoms indicative of allergies in spring time. Genuine sensitisation to silver birch and IgE-reactivity to walnut pollen were detected without any reported symptoms upon exposure. Sensitisation to different cross-reactive families can lead to sensitisation to Cupressaceae, Oleaceae and other trees. Sensitisation to almond, buckwheat, cashew, hazelnut, kiwi, lentil, macadamia, mustard, pea, peanut, pecan, pistachio, poppy seed, sesame, soy, walnut and wheat are suspected to be the primary sources of cross-sensitisation to other Fagales, respectively.

### Seasonal (Summer)

The patient did not report any symptoms indicative of allergies in summer. IgE reactivity to ragweed was detected without any reported symptoms upon exposure. Sensitisation to a cross-reactive family can lead to sensitisation to grasses, Oleaceae and other trees. Sensitisation to almond, buckwheat, cashew, hazelnut, kiwi, lentil, macadamia, mustard, pea, peanut, pecan, pistachio, poppy seed, sesame, soy, walnut and wheat are suspected to be the primary sources of cross-sensitisation to other weeds, respectively.

### Perennial

The patient did not report any symptoms indicative of perennial allergies. Genuine sensitisation to cat, dermatophagoides pteronyssinus and dog and IgE-reactivity to acarus siro, house cricket, mealworm and migratory locust were detected without any

reported symptoms upon exposure. Sensitisation to different cross-reactive families can lead to sensitisation to other animal dander. Sensitisation to dermatophagoides pteronyssinus is suspected to be the primary source of cross-sensitisation to other domestic mites and insects.

### Food

The patient did not report any symptoms indicative of food-related allergies. Genuine sensitisation to almond, buckwheat, cashew, cow's milk, egg white, egg yolk, hazelnut, kiwi, lentil, macadamia, mustard, pea, peanut, pecan, pistachio, poppy seed, sesame, soy, tuna, walnut and wheat and IgE-reactivity to chickpea, goat's milk, sheep's milk, lobster, northern prawn, shrimp mix, sunflower seed, lupine seed, potato and rye flour were detected without any reported symptoms upon exposure. Sensitisation to different cross-reactive families can lead to sensitisation to other tree nuts and insects, molluscs, parasites and spices. Sensitisation to silver birch, almond, buckwheat, cashew, hazelnut, kiwi, lentil, macadamia, mustard, pea, peanut, pecan, pistachio, poppy seed, sesame, soy, walnut, wheat, cat, dog, cow's milk, dermatophagoides pteronyssinus and tuna are suspected to be the primary sources of cross-sensitisation to other peanut and legumes, cereals and seeds, vegetables, fruits, milk, crab/lobster, prawn/shrimp, fish and meat, respectively. Sensitisation to a cross-reactive family was detected which can cause cross-sensitisation to other vegetables. Confirmation of absence of clinical reactivity to tree nuts, cereals and seeds and peanut and legumes might be advisable.

### Contact allergens and insect venom

The patient did not report any symptoms indicative of allergies to insects- or arachnid venom.

## ALEX<sup>3</sup> – Number of tested allergen sources

<p><b>Grass Pollen</b> 6</p> <p>Bahia grass, Bermuda grass, Common reed, Maize pollen, Rye pollen, Timothy grass</p>	<p><b>Grains</b> 10</p> <p>Barley, Buckwheat, Cultivated rye, Lupine seed, Maize, Millet, Oat, Quinoa, Spelt, Wheat</p>	<p><b>Egg</b> 2</p> <p>Egg white, Egg yolk</p>
<p><b>Tree Pollen</b> 14</p> <p>Acacia, Alder, Arizona cypress, Ash, Cypress, London plane tree, Mountain cedar, Oak, Olive, Paper mulberry, Silver birch, Sugi, Tree of heaven, Walnut</p>	<p><b>Spices</b> 1</p> <p>Mustard</p>	<p><b>Fish &amp; Seafood</b> 19</p> <p>Anisakis simplex, Atlantic cod, Atlantic mackerel, Black tiger shrimp, Brown shrimp, Carp, Crab, Giant freshwater prawn, Herring, Lobster, Northern prawn, Salmon, Shrimp, Squid, Swordfish, Thornback ray, Tuna, Venus clam, Whiteleg shrimp</p>
<p><b>Weed Pollen</b> 8</p> <p>Hemp, Lamb's quarter, Mugwort, Pigweed, Ragweed, Ribwort, Russian thistle, Wall pellitory</p>	<p><b>Fruits</b> 14</p> <p>Apple, Avocado, Banana, Cherry, Coconut, Fig, Grape, Kiwi, Mango, Muskmelon, Papaya, Peach, Pear, Strawberry</p>	<p><b>Meat</b> 10</p> <p>Beef, Chicken, Horse, House cricket, Lamb, Mealworm, Migratory locust, Pork, Rabbit, Turkey</p>
<p><b>House Dust Mites &amp; Storage Mites</b> 7</p> <p>Acarus siro, American house dust mite, Blomia tropicalis, European house dust mite, Glycyphagus domesticus, Lepidoglyphus destructor, Tyrophagus putrescentiae</p>	<p><b>Cockroach</b> 2</p> <p>American cockroach, German cockroach</p>	<p><b>Pets</b> 9</p> <p>Cat, Djungarian hamster, Dog, Dog urine (incl. Can f 5), Golden hamster, Guinea pig, Mouse, Rabbit, Rat</p>
<p><b>Vegetables</b> 5</p> <p>Celery, Garlic, Onion, Potato, Tomato</p>	<p><b>Ant, Bee, Wasp, Hornet</b> 5</p> <p>Bald-faced Hornet, Common wasp, Fire ant, Honey bee, Paper wasp</p>	<p><b>Farm Animals</b> 4</p> <p>Cattle, Goat, Horse, Pig</p>
<p><b>Nuts &amp; Seeds</b> 12</p> <p>Almond, Brazil nut, Cashew, Hazelnut, Macadamia, Pecan, Pistachio, Poppy seed, Pumpkin seed, Sesame, Sunflower seed, Walnut</p>	<p><b>Fungal Spores &amp; Yeast</b> 5</p> <p>Alternaria alternata, Aspergillus fumigatus, Cladosporium herbarum, Malassezia sympodialis, Penicillium chrysogenum</p>	<p><b>Others</b> 5</p> <p>Hom s Lactoferrin, Latex, Pigeon tick, Red meat, Weeping fig</p>
<p><b>Legumes</b> 6</p> <p>Chickpea, Lentil, Pea, Peanut, Pine nut, Soy</p>	<p><b>Milk</b> 5</p> <p>Camel's milk, Cow's milk, Goat's milk, Mare's milk, Sheep's milk</p>	