

Przykładowa nazwa laboratorium
Dane adresowe:
Numer telefonu:
Adres e-mail:

PRZYKŁADOWE LOGO
LABORATORIUM

PATIENT CODE	TEST METHOD
	 ALEX ³
PATIENT NAME	ALLERGENS
 Lot 1	 300
DATE OF BIRTH	ASSAY DATE
SAMPLE CODE	ANALYSIS DATE
 E22559	 10/09/2025
QR-CODE	APPROVAL DATE
 03AAS285	11/09/2025
REQUISITION CODE	DOCTOR INFORMATION
	

Total IgE result: 1954 kU/L

Reference range total IgE
Adults < 100 kU/L

LAB REPORT

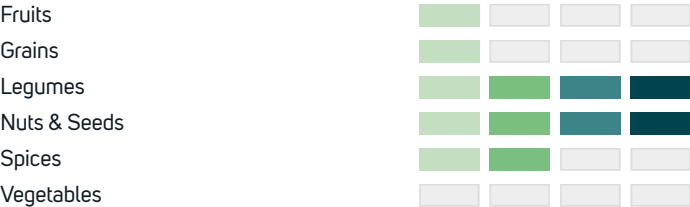
Summary of detectable sensitisations



POLLEN



PLANT-BASED FOOD



MITES



DANDER & EPITHELIA



ANIMAL-BASED FOOD



MICROORGANISMS



INSECTS



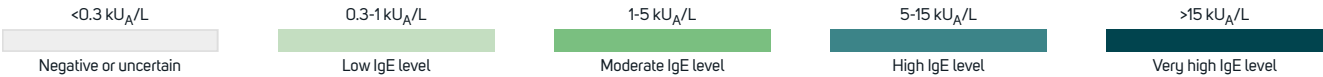
OTHERS



VENOMS



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 _A /L	
Bermuda grass		Cyn d 1	β-Expansin		8.79
Bahia grass		Pas n			1.09
Timothy grass		Phl p 1	β-Expansin		45.22
		Phl p 2	Expansin		Negative
		Phl p 5.0101	Grass Group 5/6		Negative
		Phl p 6	Grass Group 5/6		Negative
		Phl p 7	Polcalcin		Negative
		Phl p 12	Profilin		Negative
Common reed		Phr c			Negative
Rye pollen		Sec c_pollen			1.38
Maize pollen		Zea m 1	β-Expansin		41.74

Tree Pollen

Name	E/M	Allergen	Allergen family	kU _A /L	
Acacia		Aca m			Negative
Tree of heaven		Ail a			Negative
Alder		Aln g 1	PR-10		> 50.00
		Aln g 4	Polcalcin		Negative
Silver birch		Bet v 1	PR-10		47.45
		Bet v 6	Isoflavon Reductase		0.32
		Bet v 7	Cyclophilin		Negative
Paper mulberry		Bro pa			Negative
Sugi		Cry j 1	Pectate Lyase		1.18
Arizona cypress		Cup a 1	Pectate Lyase		3.63
Cypress		Cup s			Negative
Ash		Fra e 1	Ole e 1 Family		Negative
Walnut		Jug r_pollen			0.13
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		13.55



Weed Pollen

Name	E/M	Allergen	Allergen family	kU _A /L	
Pigweed		Ama r			Negative
Ragweed		Amb a			Negative
		Amb a 1	Pectate Lyase		Negative
		Amb a 4	Plant Defensin		Negative
Mugwort		Art v			Negative
		Art v 1	Plant Defensin		Negative
		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		0.96
Ribwort		Pla l 1	Ole e 1 Family		Negative
Russian thistle		Sal k			Negative
		Sal k 1	Pectin Methylesterase		Negative
		Sal k 5	Ole e 1 Family		Negative

Mites

House Dust Mites & Storage Mites

Name	E/M	Allergen	Allergen family	kU _A /L	
Acarus siro		Aca s			1.99
Blomia tropicalis		Blo t 2	NPC2 Family		Negative
		Blo t 5	Mite Group 5/21		Negative
		Blo t 10	Tropomyosin		Negative
		Blo t 21	Mite Group 5/21		Negative
American house dust mite		Der f 1	Cysteine Protease		0.14
		Der f 2	NPC2 Family		Negative
		Der f 15	Chitinase		0.30
		Der f 18	Chitinase-like Protein		Negative
European house dust mite		Der p 1	Cysteine Protease		0.13
		Der p 2	NPC2 Family		Negative
		Der p 5	Mite Group 5/21		Negative
		Der p 7	Mite Group 7		Negative
		Der p 10	Tropomyosin		Negative
		Der p 20	Arginine Kinase		Negative
		Der p 21	Mite Group 5/21		Negative
		Der p 23	Peritrophin-like Protein Domain		48.15
Glycyphagus domesticus		Gly d 2	NPC2 Family		Negative



Name	E/M	Allergen	Allergen family	kU _A /L	
Lepidoglyphus destructor		Lep d 2	NPC2 Family		Negative
Tyrophagus putrescentiae		Tyr p			0.96
		Tyr p 2	NPC2 Family		Negative
		Tyr p 10	Tropomyosin		Negative

Dander & Epithelia

Farm Animals

Name	E/M	Allergen	Allergen family	kU _A /L	
Cattle		Bos d 2	Lipocalin		Negative
Goat		Cap h_epithelia			15.90
Horse		Equ c 1	Lipocalin		11.69
		Equ c 3	Serum Albumin		25.45
		Equ c 4	Latherin		Negative
Pig		Sus d_epithelia			9.73

Pets

Name	E/M	Allergen	Allergen family	kU _A /L	
Dog		Can f Fel d 1 like	Uteroglobin		15.36
Dog urine (incl. Can f 5)		Can f_male urine			7.09
Dog		Can f 1	Lipocalin		47.52
		Can f 2	Lipocalin		46.44
		Can f 3	Serum Albumin		27.04
		Can f 4	Lipocalin		49.20
		Can f 6	Lipocalin		42.23
Guinea pig		Cav p 1	Lipocalin		7.79
Cat		Fel d 1	Uteroglobin		> 50.00
		Fel d 2	Serum Albumin		43.17
		Fel d 4	Lipocalin		47.66
		Fel d 7	Lipocalin		46.66
Golden hamster		Mes a 1	Lipocalin		Negative
Mouse		Mus m 1	Lipocalin		3.13
Rabbit		Ory c 1	Lipocalin		Negative
		Ory c 2	Lipocalin		Negative
		Ory c 3	Uteroglobin		14.29
Djungarian hamster		Phod s 1	Lipocalin		Negative
Rat		Rat n 1	Lipocalin		1.15

Microorganisms

Fungal Spores & Yeast



Name	E/M	Allergen	Allergen family	kU _A /L
Alternaria alternata		Alt a 1	Alt a 1 Family	42.47
		Alt a 6	Enolase	0.19
Aspergillus fumigatus		Asp f 1	Mitogillin Family	Negative
		Asp f 3	Peroxisomal Protein	Negative
		Asp f 4	Unknown	Negative
		Asp f 6	Mn Superoxide Dismutase	0.16
		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	0.15
		Mala s 13	Thioredoxin	1.88
Penicillium chrysogenum		Pen ch		Negative

Insects

Cockroach

Name	E/M	Allergen	Allergen family	kU _A /L
German cockroach		Bla g 1	Nitrile Specifier	Negative
		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
		Per a 6	Troponin C	Negative
		Per a 7	Tropomyosin	Negative

Venoms

Ant, Bee, Wasp, Hornet

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



Lot 1

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ALEX³

Name	E/M	Allergen	Allergen family	kU _A /L
	☒	Ves v 5	Antigen 5	0.55

Plant-Based Food

Fruits

Name	E/M	Allergen	Allergen family	kU _A /L
Kiwi	☒	Act d 1	Cysteine Protease	Negative
	☒	Act d 2	Thaumatococcus-like Protein	0.64
	☒	Act d 5	Kiwelin	Negative
	☒	Act d 10	nsLTP	Negative
Papaya	☐	Car p		Negative
Coconut	☒	Coc n 1	7/8S Globulin	0.28
Muskmelon	☒	Cuc m 2	Profilin	Negative
Fig	☐	Fic c		0.10
Strawberry	☒	Fra a 3	nsLTP	0.11
Apple	☒	Mal d 1	PR-10	0.59
	☒	Mal d 3	nsLTP	0.49
Mango	☒	Man i 1	Class 4 Chitinase	0.78
Banana	☒	Mus a 2	Class 1 Chitinase	Negative
	☒	Mus a 5	β-1,3-Glucanase	Negative
Avocado	☐	Pers a		Negative
	☒	Pers a 1	Class 1 Chitinase	Negative
Cherry	☒	Pru av 3	nsLTP	0.56
Peach	☒	Pru p 3	nsLTP	0.47
	☒	Pru p 7	Gibberellin-regulated Protein	Negative
Pear	☐	Pyr c		0.13
Grape	☒	Vit v 1	nsLTP	0.23

Grains

Name	E/M	Allergen	Allergen family	kU _A /L
Oat	☐	Ave s		Negative
Quinoa	☐	Che q		Negative
Buckwheat	☐	Fag e		Negative
	☒	Fag e 2	2S Albumin	Negative
Barley	☐	Hor v		Negative
Lupine seed	☐	Lup a		0.63
Millet	☐	Pan m		Negative
Cultivated rye	☐	Sec c_flour		Negative
Wheat	☒	Tri a aA_TI	α-Amylase Trypsin-Inhibitor	Negative
	☒	Tri a 14	nsLTP	Negative
	☒	Tri a 19	Ω-5-Gliadin	Negative



Lot 1

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ALEX³

Name	E/M	Allergen	Allergen family	kU _A /L	
	⊙	Tri a 36	Low Molecular Weight Glutenin		Negative
	⊙	Tri a 37	α-Purothionin		0.44
Spelt	⋮	Tri s			0.54
Maize	⋮	Zea m			Negative
	⊙	Zea m 14	nsLTP		Negative

Legumes

Name	E/M	Allergen	Allergen family	kU _A /L	
Peanut	⊙	Ara h 1	7/8S Globulin		39.60
	⊙	Ara h 2	2S Albumin		> 50.00
	⊙	Ara h 3	11S Globulin		32.69
	⊙	Ara h 6	2S Albumin		47.61
	⊙	Ara h 8	PR-10		1.49
	⊙	Ara h 9	nsLTP		0.22
	⊙	Ara h 15	Oleosin		Negative
	⊙	Ara h 18	Cyclophilin		Negative
Chickpea	⋮	Cic a			4.53
Soy	⊙	Gly m 4	PR-10		1.71
	⊙	Gly m 5	7/8S Globulin		0.76
	⊙	Gly m 6	11S Globulin		0.31
	⊙	Gly m 8	2S Albumin		0.11
Lentil	⊙	Len c 1	7/8S Globulin		0.57
	⊙	Len c 3	nsLTP		0.18
Pine nut	⋮	Pin p			35.93
	⊙	Pin p 1	2S Albumin		21.55
Pea	⊙	Pis s 1	7/8S Globulin		0.57
	⊙	Pis s 2	7/8S Globulin		0.85
	⊙	Pis s 3	nsLTP		Negative

Nuts & Seeds

Name	E/M	Allergen	Allergen family	kU _A /L	
Cashew	⊙	Ana o 1	7/8S Globulin		2.46
	⊙	Ana o 2	11S Globulin		0.90
	⊙	Ana o 3	2S Albumin		38.47
Brazil nut	⋮	Ber e			2.29
	⊙	Ber e 1	2S Albumin		6.05
Pecan	⋮	Car i			4.64
	⊙	Car i 1	2S Albumin		3.00
	⊙	Car i 2 (256-386)	7/8S Globulin		0.20
	⊙	Car i 4	11S Globulin		0.92
Hazelnut	⊙	Cor a 1.0401	PR-10		41.00
	⊙	Cor a 8	nsLTP		Negative



Name	E/M	Allergen	Allergen family	kU _A /L
		Cor a 9	11S Globulin	1.88
		Cor a 11	7/8S Globulin	2.29
		Cor a 14	2S Albumin	14.52
Pumpkin seed		Cuc p		0.50
Sunflower seed		Hel a		Negative
		Hel a 3	nsLTP	1.01
Walnut		Jug r 1	2S Albumin	15.89
		Jug r 2	7/8S Globulin	Negative
		Jug r 3	nsLTP	1.41
		Jug r 4	11S Globulin	2.55
		Jug r 6	7/8S Globulin	0.16
Macadamia		Mac i		0.38
		Mac i 1.0101 (28-76)	α-Hairpinin	Negative
Poppy seed		Pap s		Negative
		Pap s 1.0101 (27-846)	α-Hairpinin	Negative
Pistachio		Pis v 1	2S Albumin	29.38
		Pis v 2	11S Globulin	7.34
		Pis v 3	7/8S Globulin	5.92
Almond		Pru du		1.09
		Pru du 6	11S Globulin	1.35
Sesame		Ses i		2.15
		Ses i 1	2S Albumin	0.91

Spices

Name	E/M	Allergen	Allergen family	kU _A /L
Mustard		Sin a		3.03
		Sin a 1	2S Albumin	1.71

Vegetables

Name	E/M	Allergen	Allergen family	kU _A /L
Onion		All c		Negative
Garlic		All s		0.24
Celery		Api g 1	PR-10	0.20
		Api g 2	nsLTP	Negative
		Api g 6	nsLTP	Negative
		Api g 7	Plant Defensin	Negative
Potato		Sol t		Negative
Tomato		Sola l		Negative
		Sola l 6	nsLTP	Negative

Animal-Based Food

Egg

Name	E/M	Allergen	Allergen family	kU _A /L	
Egg white		Gal d_white			23.05
Egg yolk		Gal d_yolk			4.63
Egg white		Gal d 1	Ovomucoid		34.78
		Gal d 2	Ovalbumin		42.87
		Gal d 3	Ovotransferrin		6.17
		Gal d 4	Lysozyme C		Negative
Egg yolk		Gal d 5	Serum Albumin		Negative

Fish & Seafood

Name	E/M	Allergen	Allergen family	kU _A /L	
Anisakis simplex		Ani s 1	Kunitz Serine Protease Inhibitor		Negative
		Ani s 3	Tropomyosin		Negative
Crab		Chi spp			Negative
Herring		Clu h			0.16
		Clu h 1	β-Parvalbumin		Negative
Brown shrimp		Cra c 6	Troponin C		Negative
Carp		Cyp c 1	β-Parvalbumin		Negative
		Cyp c 2	Enolase		Negative
Atlantic cod		Gad m 1	β-Parvalbumin		Negative
Lobster		Hom g			Negative
Shrimp		Lit spp			Negative
Whiteleg shrimp		Lit v 7	Hemocyanin		Negative
Squid		Lol spp			Negative
Giant freshwater prawn		Mac r 1	Tropomyosin		Negative
		Mac r 2	Arginine Kinase		Negative
Northern prawn		Pan b			Negative
Black tiger shrimp		Pen m 1	Tropomyosin		Negative
		Pen m 2	Arginine Kinase		Negative
		Pen m 3	Myosin Light Chain		Negative
		Pen m 4	Sarcoplasmic Calcium-binding Protein		0.12
Thornback ray		Raj c			Negative
		Raj c Parvalbumin	α-Parvalbumin		Negative
Venus clam		Rud spp			Negative
Salmon		Sal s			Negative
		Sal s 1	β-Parvalbumin		Negative
		Sal s 6	Collagen		Negative
Atlantic mackerel		Sco s			0.12
		Sco s 1	β-Parvalbumin		Negative



Name	E/M	Allergen	Allergen family	kU _A /L	
Tuna		Thu a 1	β-Parvalbumin		Negative
Swordfish		Xip g 1	β-Parvalbumin		Negative

Meat

Name	E/M	Allergen	Allergen family	kU _A /L	
House cricket		Ach d			0.23
Beef		Bos d_meat			Negative
		Bos d 6	Serum Albumin		0.43
Horse		Equ c_meat			2.16
Chicken		Gal d_meat			Negative
		Gal d 7	Myosin Light Chain		Negative
Migratory locust		Loc m			Negative
Turkey		Mel g			Negative
Rabbit		Ory c_meat			2.94
Lamb		Ovi a_meat			4.70
Pork		Sus d 1	Serum Albumin		18.29
Mealworm		Ten m			0.11

Milk

Name	E/M	Allergen	Allergen family	kU _A /L	
Cow's milk		Bos d_milk			30.59
		Bos d 4	α-Lactalbumin		1.82
		Bos d 5	β-Lactoglobulin		0.20
		Bos d 8	Casein		36.72
		Bos d 9	α-S1 Casein		42.80
		Bos d 10	α-S2 Casein		0.11
		Bos d 11	β-Casein		41.39
		Bos d 12	κ-Casein		5.20
Camel's milk		Cam d			4.65
Goat's milk		Cap h_milk			18.46
Mare's milk		Equ c_milk			0.98
Sheep's milk		Ovi a_milk			10.56

Others

CCD

Name	E/M	Allergen	Allergen family	kU _A /L	
Hom s Lactoferrin		Hom s LF	CCD		Negative

Ficus

Name	E/M	Allergen	Allergen family	kU _A /L	
Weeping fig		Fic b			Negative

Latex

Name	E/M	Allergen	Allergen family	kU _A /L	
Latex		Hev b 1	Rubber Elongation Factor		Negative
		Hev b 3	Small Rubber Particle Protein		Negative
		Hev b 5	Unknown		Negative
		Hev b 6.02	Pro-Hevein		Negative
		Hev b 11	Class 1 Chitinase		Negative

Parasite

Name	E/M	Allergen	Allergen family	kU _A /L	
Pigeon tick		Arg r 1	Lipocalin		Negative

Red meat

Name	E/M	Allergen	Allergen family	kU _A /L	
Red meat		Alpha-GAL	α-Gal		Negative

Information to cross-reactive allergens

PR-10

Name	E/M	Allergen	Allergen family	kU _A /L	
Alder		Aln g 1	PR-10		> 50.00
Peanut		Ara h 8	PR-10		1.49
Silver birch		Bet v 1	PR-10		47.45
Hazelnut		Cor a 1.0401	PR-10		41.00
Soy		Gly m 4	PR-10		1.71
Apple		Mal d 1	PR-10		0.59
Oak		Que a 1	PR-10		13.55

nsLTP

Name	E/M	Allergen	Allergen family	kU _A /L	
Sunflower seed		Hel a 3	nsLTP		1.01
Walnut		Jug r 3	nsLTP		1.41
Apple		Mal d 3	nsLTP		0.49
Wall pellitory		Par j 2	nsLTP		0.96
Cherry		Pru av 3	nsLTP		0.56
Peach		Pru p 3	nsLTP		0.47

Storage Proteins

Name	E/M	Allergen	Allergen family	kU _A /L	
Cashew		Ana o 1	7/8S Globulin		2.46
		Ana o 2	11S Globulin		0.90
		Ana o 3	2S Albumin		38.47
Peanut		Ara h 1	7/8S Globulin		39.60
		Ara h 2	2S Albumin		> 50.00
		Ara h 3	11S Globulin		32.69
		Ara h 6	2S Albumin		47.61
Brazil nut		Ber e 1	2S Albumin		6.05
Pecan		Car i 1	2S Albumin		3.00
		Car i 4	11S Globulin		0.92
Hazelnut		Cor a 9	11S Globulin		1.88
		Cor a 11	7/8S Globulin		2.29
		Cor a 14	2S Albumin		14.52
Soy		Gly m 5	7/8S Globulin		0.76
		Gly m 6	11S Globulin		0.31
Walnut		Jug r 1	2S Albumin		15.89
		Jug r 4	11S Globulin		2.55
Lentil		Len c 1	7/8S Globulin		0.57
Pine nut		Pin p 1	2S Albumin		21.55
Pea		Pis s 1	7/8S Globulin		0.57
		Pis s 2	7/8S Globulin		0.85
Pistachio		Pis v 1	2S Albumin		29.38
		Pis v 2	11S Globulin		7.34
		Pis v 3	7/8S Globulin		5.92
Almond		Pru du 6	11S Globulin		1.35
Sesame		Ses i 1	2S Albumin		0.91
Mustard		Sin a 1	2S Albumin		1.71

Lipocalin

Name	E/M	Allergen	Allergen family	kU _A /L	
Dog		Can f 1	Lipocalin		47.52
		Can f 2	Lipocalin		46.44
		Can f 4	Lipocalin		49.20
		Can f 6	Lipocalin		42.23
Guinea pig		Cav p 1	Lipocalin		7.79
Horse		Equ c 1	Lipocalin		11.69
Cat		Fel d 4	Lipocalin		47.66
		Fel d 7	Lipocalin		46.66
Mouse		Mus m 1	Lipocalin		3.13
Rat		Rat n 1	Lipocalin		1.15

Serum Albumin

Name	E/M	Allergen	Allergen family	kU _A /L
Beef		Bos d 6	Serum Albumin	0.43
Dog		Can f 3	Serum Albumin	27.04
Horse		Equ c 3	Serum Albumin	25.45
Cat		Fel d 2	Serum Albumin	43.17
Pork		Sus d 1	Serum Albumin	18.29

Uteroglobin

Name	E/M	Allergen	Allergen family	kU _A /L
Dog		Can f Fel d 1 like	Uteroglobin	15.36
Cat		Fel d 1	Uteroglobin	> 50.00
Rabbit		Ory c 3	Uteroglobin	14.29

β-Expansin

Name	E/M	Allergen	Allergen family	kU _A /L
Bermuda grass		Cyn d 1	β-Expansin	8.79
Timothy grass		Phl p 1	β-Expansin	45.22
Maize pollen		Zea m 1	β-Expansin	41.74

ALEX³ – Number of tested allergen sources

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

Podpis