

ALEX
ALLERGY XPLOER

ALEX³

ALLERGEN LIST

INDEX

GRASS POLLEN3

TREE POLLEN4

WEED POLLEN5

MITES6

DANDER & EPITHELIA7

MICROORGANISMS.8

INSECTS & VENOMS9

FRUITS10

GRAINS11

LEGUMES.12

NUTS & SEEDS13

SPICES14

VEGETABLES15

EGG15

MILK.16

SEAFOOD.16

MEAT18

OTHERS19

ALEX³ ALLERGEN LIST



GRASS POLLEN

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Bahia grass	Paspalum notatum	Pas n		E	g17
Bermuda grass	Cynodon dactylon	Cyn d 1	β-expansin	M	g216
Common reed	Phragmites communis	Phr c		E	g7
Maize, pollen	Zea mays	Zea m 1	β-expansin	M	g217
Rye, pollen	Secale cereale	Sec c_pollen		E	g12
Timothy grass	Phleum pratense	Phl p 1	β-expansin	M	g205
Timothy grass	Phleum pratense	Phl p 2	Expansin	M	g206
Timothy grass	Phleum pratense	Phl p 5.0101	Grass group 5/6	M	g215
Timothy grass	Phleum pratense	Phl p 6	Grass group 5/6	M	g209
Timothy grass	Phleum pratense	Phl p 7	Polcalcin	M	g210
Timothy grass	Phleum pratense	Phl p 12	Profilin	M	g212

ALEX³ ALLERGEN LIST



TREE POLLEN

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Acacia	Acacia mimosa	Aca m		E	t19
Alder	Alnus glutinosa	Aln g 1	PR-10	M	t100
Alder	Alnus glutinosa	Aln g 4	Polcalcin	M	t101
Ash	Fraxinus excelsior	Fra e 1	Ole e 1 family	M	t103
Arizona cypress	Cupressus arizonica	Cup a 1	Pectate lyase	M	t226
Birch	Betula verrucosa	Bet v 1	PR-10	M	t215
Birch	Betula verrucosa	Bet v 6	Isoflavone reductase	M	t225
Birch	Betula verrucosa	Bet v 7	Cyclophilin	M	t233
Cypress	Cupressus sempervirens	Cup s		E	t23
London plane tree	Platanus acerifolia	Pla a 1	Plant invertase inhibitor	M	t241
London plane tree	Platanus acerifolia	Pla a 2	Polygalacturonase	M	t301
London plane tree	Platanus acerifolia	Pla a 3	nsLTP	M	t302
Mountain cedar	Juniperus ashei	Jun a		E	t63
Oak	Quercus alba	Que a 1	PR-10	M	t231
Olive	Olea europaea	Ole e 1	Ole e 1 family	M	t224
Olive	Olea europaea	Ole e 7	nsLTP	M	t227
Olive	Olea europaea	Ole e 9	β-1,3-glucanase	M	t240
Paper mulberry	Broussonetia papyrifera	Bro pa		E	t305
Sugi	Cryptomeria japonica	Cry j 1	Pectate lyase	M	t303
Tree of heaven	Ailanthus altissima	Ail a		E	t304
Walnut	Juglans regia	Jug r_pollen		E	t10

ALEX³ ALLERGEN LIST



WEED POLLEN

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Hemp (CBD)	Cannabis sativa	Can s		E	w303
Hemp	Cannabis sativa	Can s 3	nsLTP	M	w302
Lamb's quarter	Chenopodium album	Che a		E	w10
Lamb's quarter	Chenopodium album	Che a 1	Ole e 1 family	M	w100
Mugwort	Artemisia vulgaris	Art v		E	w6
Mugwort	Artemisia vulgaris	Art v 1	Plant defensin	M	w231
Mugwort	Artemisia vulgaris	Art v 3	nsLTP	M	w233
Pigweed	Amaranthus retroflexus	Ama r		E	w14
Ragweed	Ambrosia artemisiifolia	Amb a		E	w1
Ragweed	Ambrosia artemisiifolia	Amb a 1	Pectate lyase	M	w230
Ragweed	Ambrosia artemisiifolia	Amb a 4	Plant defensin	M	w300
Ribwort	Plantago lanceolata	Pla l 1	Ole e 1 family	M	w234
Russian thistle	Salsola kali	Sal k		E	w11
Russian thistle	Salsola kali	Sal k 1	Pectin methylesterase	M	w232
Russian thistle	Salsola kali	Sal k 5	Ole e 1 family	M	w237
Wall pellitory	Parietaria judaica	Par j		E	w21
Wall pellitory	Parietaria judaica	Par j 2	nsLTP	M	w211

ALEX³ ALLERGEN LIST

MITES

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Acarus siro	Acarus siro	Aca s		E	d70
American house dust mite	Dermatophagoides farinae	Der f 1	Cysteine protease	M	d100
American house dust mite	Dermatophagoides farinae	Der f 2	NPC2 family	M	d101
American house dust mite	Dermatophagoides farinae	Der f 15	Chitinase	M	d106
American house dust mite	Dermatophagoides farinae	Der f 18	Chitinase-like protein	M	d107
Blomia tropicalis	Blomia tropicalis	Blo t 2	NPC2 family	M	d307
Blomia tropicalis	Blomia tropicalis	Blo t 5	Mite group 5/21	M	d300
Blomia tropicalis	Blomia tropicalis	Blo t 10	Tropomyosin	M	d301
Blomia tropicalis	Blomia tropicalis	Blo t 21	Mite group 5/21	M	d302
European house dust mite	Dermatophagoides pteronyssinus	Der p 1	Cysteine protease	M	d202
European house dust mite	Dermatophagoides pteronyssinus	Der p 2	NPC2 family	M	d203
European house dust mite	Dermatophagoides pteronyssinus	Der p 5	Mite group 5/21	M	d103
European house dust mite	Dermatophagoides pteronyssinus	Der p 7	Mite group 7	M	d104
European house dust mite	Dermatophagoides pteronyssinus	Der p 10	Tropomyosin	M	d205
European house dust mite	Dermatophagoides pteronyssinus	Der p 20	Arginine kinase	M	d303
European house dust mite	Dermatophagoides pteronyssinus	Der p 21	Mite group 5/21	M	d304
European house dust mite	Dermatophagoides pteronyssinus	Der p 23	Peritrophin-like protein domain	M	d209
Glycyphagus domesticus	Glycyphagus domesticus	Gly d 2	NPC2 family	M	d105
Lepidoglyphus destructor	Lepidoglyphus destructor	Lep d 2	NPC2 family	M	d305
Tyrophagus putrescentiae	Tyrophagus putrescentiae	Tyr p		E	d72
Tyrophagus putrescentiae	Tyrophagus putrescentiae	Tyr p 2	NPC2 family	M	d306
Tyrophagus putrescentiae	Tyrophagus putrescentiae	Tyr p 10	Tropomyosin	M	d308

ALEX³ ALLERGEN LIST



DANDER & EPITHELIA

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Cat	Felis domesticus	Fel d 1	Uteroglobulin	M	e94
Cat	Felis domesticus	Fel d 2	Serum albumin	M	e220
Cat	Felis domesticus	Fel d 4	Lipocalin	M	e228
Cat	Felis domesticus	Fel d 7	Lipocalin	M	e300
Cattle	Bos domesticus	Bos d 2	Lipocalin	M	e100
Djungarian hamster	Phodopus sungorus	Phod s 1	Lipocalin	M	e301
Dog	Canis familiaris	Can f 1	Lipocalin	M	e101
Dog	Canis familiaris	Can f 2	Lipocalin	M	e102
Dog	Canis familiaris	Can f 3	Serum albumin	M	e221
Dog	Canis familiaris	Can f 4	Lipocalin	M	e302
Dog	Canis familiaris	Can f 6	Lipocalin	M	e303
Dog	Canis familiaris	Can f Fel d 1 like	Uteroglobulin	M	e304
Dog urine ♂, (incl. Can f 5)	Canis familiaris	Can f_male urine		E	e308
Goat, epithelia	Capra hircus	Cap h_epithelia		E	e80
Golden hamster	Mesocricetus auratus	Mes a 1	Lipocalin	M	e800
Guinea pig	Cavia porcellus	Cav p 1	Lipocalin	M	e305
Horse	Equus caballus	Equ c 1	Lipocalin	M	e227
Horse	Equus caballus	Equ c 3	Serum albumin	M	e306
Horse	Equus caballus	Equ c 4	Latherin	M	e307
Mouse	Mus musculus	Mus m 1	Lipocalin	M	e103
Pig, epithelia	Sus domesticus	Sus d_epithelia		E	e83

ALEX³ ALLERGEN LIST

DANDER & EPITHELIA

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Rabbit	Oryctolagus cuniculus	Ory c 1	Lipocalin	M	e309
Rabbit	Oryctolagus cuniculus	Ory c 2	Lipocalin	M	e310
Rabbit	Oryctolagus cuniculus	Ory c 3	Uteroglobulin	M	e311
Rat	Rattus norvegicus	Rat n 1	Lipocalin	M	e312

MICROORGANISMS

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Alternaria alternata	Alternaria alternata	Alt a 1	Alt a 1 family	M	m229
Alternaria alternata	Alternaria alternata	Alt a 6	Enolase	M	m230
Aspergillus fumigatus	Aspergillus fumigatus	Asp f 1	Mitogillin family	M	m218
Aspergillus fumigatus	Aspergillus fumigatus	Asp f 3	Peroxisomal protein	M	m220
Aspergillus fumigatus	Aspergillus fumigatus	Asp f 4	Unknown	M	m221
Aspergillus fumigatus	Aspergillus fumigatus	Asp f 6	Mn superoxide dismutase	M	m222
Aspergillus fumigatus	Aspergillus fumigatus	Asp f 8	Ribosomal protein 2	M	m225
Cladosporium herbarum	Cladosporium herbarum	Cla h		E	m2
Cladosporium herbarum	Cladosporium herbarum	Cla h 8	Mannitol dehydrogenase	M	m100
Malassezia sympodialis	Malassezia sympodialis	Mala s 5	Unknown	M	y2
Malassezia sympodialis	Malassezia sympodialis	Mala s 6	Cyclophilin	M	y3
Malassezia sympodialis	Malassezia sympodialis	Mala s 11	Mn superoxide dismutase	M	y5
Malassezia sympodialis	Malassezia sympodialis	Mala s 13	Thioredoxin	M	y6
Penicilium chrysogenum	Penicilium chrysogenum	Pen ch		E	m1

ALEX³ ALLERGEN LIST



INSECTS & VENOMS

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
American cockroach	Periplaneta americana	Per a		E	i206
American cockroach	Periplaneta americana	Per a 6	Troponin C	M	i220
American cockroach	Periplaneta americana	Per a 7	Tropomyosin	M	i300
Bald-faced hornet	Dolichovespula maculata	Dol m 2	Hyaluronidase	M	i221
Bald-faced hornet	Dolichovespula maculata	Dol m 5	Antigen 5	M	i222
Common wasp	Vespula vulgaris	Ves v 1	Phospholipase A1	M	i211
Common wasp	Vespula vulgaris	Ves v 5	Antigen 5	M	i209
Fire ant	Solenopsis spp	Sol spp		E	i70
German cockroach	Blattella germanica	Bla g 1	Nitrile specifier	M	i100
German cockroach	Blattella germanica	Bla g 2	Aspartic protease	M	i101
German cockroach	Blattella germanica	Bla g 4	Calycin	M	i102
German cockroach	Blattella germanica	Bla g 5	Glutathione S-transferase	M	i103
German cockroach	Blattella germanica	Bla g 9	Arginine kinase	M	i301
Honeybee	Apis mellifera	Api m		E	i1
Honeybee	Apis mellifera	Api m 1	Phospholipase A2	M	i208
Honeybee	Apis mellifera	Api m 2	Hyaluronidase	M	i214
Honeybee	Apis mellifera	Api m 10	Icarapin variant 2	M	i217
Paper wasp	Polistes dominula	Pol d		E	i77
Paper wasp	Polistes dominula	Pol d 5	Antigen 5	M	i210

ALEX³ ALLERGEN LIST

FRUITS

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Apple	Malus domestica	Mal d 1	PR-10	M	f434
Apple	Malus domestica	Mal d 3	nsLTP	M	f435
Avocado	Persea americana	Pers a		E	f96
Avocado	Persea americana	Pers a 1	Class I chitinase	M	f576
Banana	Musa acuminata	Mus a 2	Class I chitinase	M	f577
Banana	Musa acuminata	Mus a 5	β-1,3-glucanase	M	f578
Cherry	Prunus avium	Pru av 3	nsLTP	M	f579
Coconut	Cocos nucifera	Coc n 1	7/8S globulin	M	t234
Fig	Ficus carica	Fic c		E	f328
Grape	Vitis vinifera	Vit v 1	nsLTP	M	f521
Kiwi	Actinidia deliciosa	Act d 1	Cysteine protease	M	f500
Kiwi	Actinidia deliciosa	Act d 2	TLP	M	f501
Kiwi	Actinidia deliciosa	Act d 5	Kiwellin	M	f502
Kiwi	Actinidia deliciosa	Act d 10	nsLTP	M	f503
Mango	Mangifera indica	Man i 1	Class IV chitinase	M	f580
Muskmelon	Cucumis melo	Cuc m 2	Profilin	M	f528
Papaya	Carica papaya	Car p		E	f293
Peach	Prunus persica	Pru p 3	nsLTP	M	f420
Peach	Prunus persica	Pru p 7	Gibberellin-regulated protein	M	f801
Pear	Pyrus communis	Pyr c		E	f94
Strawberry	Fragaria ananassa	Fra a 3	nsLTP	M	f44

ALEX³ ALLERGEN LIST



GRAINS

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Barley	Hordeum vulgare	Hor v		E	f6
Buckwheat	Fagopyrum esculentum	Fag e		E	f11
Buckwheat	Fagopyrum esculentum	Fag e 2	2S albumin	M	f508
Corn, cereal	Zea mays	Zea m		E	f8
Corn, cereal	Zea mays	Zea m 14	nsLTP	M	f523
Cultivated rye	Secale cereale	Sec c_flour		E	f5
Lupine seed	Lupinus albus	Lup a		E	f335
Millet	Panicum miliaceum	Pan m		E	f55
Oat	Avena sativa	Ave s		E	f7
Quinoa	Chenopodium quinoa	Che q		E	f347
Spelt	Triticum spelta	Tri s		E	f124
Wheat	Triticum aestivum	Tri a 14	nsLTP	M	f433
Wheat	Triticum aestivum	Tri a 19	Ω-5-gliadin	M	f416
Wheat	Triticum aestivum	Tri a 36	LMW glutenin	M	f556
Wheat	Triticum aestivum	Tri a 37	α-purothionin	M	f557
Wheat	Triticum aestivum	Tri a aA_TI	α-amylase trypsin inhibitor	M	f544

ALEX³ ALLERGEN LIST



LEGUMES

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Chickpea	Cicer arietinum	Cic a		E	f309
Lentil	Lens culinaris	Len c 1	7/8S globulin	M	f563
Lentil	Lens culinaris	Len c 3	nsLTP	M	f564
Pea	Pisum sativum	Pis s 1	7/8S globulin	M	f559
Pea	Pisum sativum	Pis s 2	7/8S globulin	M	f560
Pea	Pisum sativum	Pis s 3	nsLTP	M	f561
Peanut	Arachis hypogaea	Ara h 1	7/8S globulin	M	f422
Peanut	Arachis hypogaea	Ara h 2	2S albumin	M	f423
Peanut	Arachis hypogaea	Ara h 3	11S globulin	M	f424
Peanut	Arachis hypogaea	Ara h 6	2S albumin	M	f447
Peanut	Arachis hypogaea	Ara h 8	PR-10	M	f352
Peanut	Arachis hypogaea	Ara h 9	nsLTP	M	f427
Peanut	Arachis hypogaea	Ara h 15	Oleosin	M	f803
Peanut	Arachis hypogaea	Ara h 18	Cyclophilin	M	f562
Soy	Glycine max	Gly m 4	PR-10	M	f353
Soy	Glycine max	Gly m 5	7/8S globulin	M	f431
Soy	Glycine max	Gly m 6	11S globulin	M	f432
Soy	Glycine max	Gly m 8	2S albumin	M	f511

ALEX³

ALLERGEN LIST



NUTS & SEEDS

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Almond	Prunus dulcis	Pru du		E	f20
Almond	Prunus dulcis	Pru du 6	11S globulin	M	f565
Brazil nut	Bertholletia excelsa	Ber e		E	f18
Brazil nut	Bertholletia excelsa	Ber e 1	2S albumin	M	f354
Cashew	Anacardium occidentale	Ana o 1	7/8S globulin	M	f558
Cashew	Anacardium occidentale	Ana o 2	11S globulin	M	f550
Cashew	Anacardium occidentale	Ana o 3	2S albumin	M	f443
Hazelnut	Corylus avellana	Cor a 1.0401	PR-10	M	f428
Hazelnut	Corylus avellana	Cor a 8	nsLTP	M	f425
Hazelnut	Corylus avellana	Cor a 9	11S globulin	M	f440
Hazelnut	Corylus avellana	Cor a 11	7/8S globulin	M	f506
Hazelnut	Corylus avellana	Cor a 14	2S albumin	M	f439
Macadamia	Macadamia integrifolia	Mac i		E	f345
Macadamia	Macadamia integrifolia	Mac i 1.0101 (28-76)	α-hairpinin	M	f513
Pecan	Carya illinoensis	Car i		E	f201
Pecan	Carya illinoensis	Car i 1	2S albumin	M	f566
Pecan	Carya illinoensis	Car i 2 (256-386)	7/8S globulin	M	f567
Pecan	Carya illinoensis	Car i 4	11S globulin	M	f568
Pine nut	Pinus pinea	Pin p		E	f569
Pine nut	Pinus pinea	Pin p 1	2S albumin	M	f570
Pistachio	Pistacia vera	Pis v 1	2S albumin	M	f531

ALEX³ ALLERGEN LIST



NUTS & SEEDS

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Pistachio	Pistacia vera	Pis v 2	11S globulin	M	f532
Pistachio	Pistacia vera	Pis v 3	7/8S globulin	M	f533
Poppy seed	Papaver somniferum	Pap s		E	f224
Poppy seed	Papaver somniferum	Pap s 1.0101 (27-846)	α-hairpinin	M	f516
Pumpkin seed	Cucurbita pepo	Cuc p		E	f226
Sesame	Sesamum indicum	Ses i		E	f10
Sesame	Sesamum indicum	Ses i 1	2S albumin	M	f518
Sunflower seed	Helianthus annuus	Hel a		E	k84
Sunflower seed	Helianthus annuus	Hel a 3	nsLTP	M	f555
Walnut	Juglans regia	Jug r 1	2S albumin	M	f441
Walnut	Juglans regia	Jug r 2	7/8S globulin	M	f512
Walnut	Juglans regia	Jug r 3	nsLTP	M	f539
Walnut	Juglans regia	Jug r 4	11S globulin	M	f540
Walnut	Juglans regia	Jug r 6	7/8S globulin	M	f541

SPICES

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Mustard	Brassica/Sinapis alba	Sin a		E	f89
Mustard	Brassica/Sinapis alba	Sin a 1	2S albumin	M	f519

ALEX³ ALLERGEN LIST



VEGETABLES

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Celery	Apium graveolens	Api g 1	PR-10	M	f417
Celery	Apium graveolens	Api g 2	nsLTP	M	f504
Celery	Apium graveolens	Api g 6	nsLTP	M	f505
Celery	Apium graveolens	Api g 7	Plant defensin	M	f554
Garlic	Allium sativum	All s		E	f47
Onion	Allium cepa	All c		E	f48
Potato	Solanum tuberosum	Sol t		E	f35
Tomato	Solanum lycopersicum	Sola l		E	f25
Tomato	Solanum lycopersicum	Sola l 6	nsLTP	M	f520

EGG

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Chicken egg white	Gallus domesticus	Gal d_white		E	f1
Chicken egg white	Gallus domesticus	Gal d 1	Ovomucoid	M	f233
Chicken egg white	Gallus domesticus	Gal d 2	Ovalbumin	M	f232
Chicken egg white	Gallus domesticus	Gal d 3	Ovotransferrin	M	f323
Chicken egg white	Gallus domesticus	Gal d 4	Lysozyme C	M	k208
Chicken egg yolk	Gallus domesticus	Gal d_yolk		E	f75
Chicken egg yolk	Gallus domesticus	Gal d 5	Serum albumin	M	f510

ALEX³ ALLERGEN LIST



MILK

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Camel's milk	Camelus dromedarius	Cam d		E	f581
Cow's milk	Bos domesticus	Bos d_milk		E	f2
Cow's milk	Bos domesticus	Bos d 4	α -lactalbumin	M	f76
Cow's milk	Bos domesticus	Bos d 5	β -lactoglobulin	M	f77
Cow's milk	Bos domesticus	Bos d 8	Casein	M	f78
Cow's milk	Bos domesticus	Bos d 9	α -S1-casein	M	f700
Cow's milk	Bos domesticus	Bos d 10	α -S2-casein	M	f701
Cow's milk	Bos domesticus	Bos d 11	β -casein	M	f702
Cow's milk	Bos domesticus	Bos d 12	κ -casein	M	f703
Goat's milk	Capra hircus	Cap h_milk		E	f300
Mare's milk	Equus caballus	Equ c_milk		E	f286
Sheep's milk	Ovis aries	Ovi a_milk		E	f325

SEAFOOD

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Anisakis simplex	Anisakis simplex	Ani s 1	Kunitz serine protease inhibitor	M	p10
Anisakis simplex	Anisakis simplex	Ani s 3	Tropomyosin	M	p11
Atlantic cod	Gadus morhua	Gad m 1	β -parvalbumin	M	f509
Atlantic herring	Clupea harengus	Clu h		E	f205
Atlantic herring	Clupea harengus	Clu h 1	β -parvalbumin	M	f525
Atlantic mackerel	Scomber scombrus	Sco s		E	f206

ALEX³ ALLERGEN LIST

SEAFOOD

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Atlantic mackerel	Scomber scombrus	Sco s 1	β-parvalbumin	M	f551
Black tiger shrimp	Penaeus monodon	Pen m 1	Tropomyosin	M	f517
Black tiger shrimp	Penaeus monodon	Pen m 2	Arginine kinase	M	f545
Black tiger shrimp	Penaeus monodon	Pen m 3	Myosin light chain	M	f552
Black tiger shrimp	Penaeus monodon	Pen m 4	Sarcoplasmic calcium-binding protein	M	f524
Brown shrimp	Crangon crangon	Cra c 6	Troponin C	M	f529
Carp	Cyprinus carpio	Cyp c 1	β-parvalbumin	M	f355
Carp	Cyprinus carpio	Cyp c 2	Enolase	M	f573
Crab	Chionoecetes spp	Chi spp		E	f23
Giant freshwater prawn	Macrobrachium rosenbergii	Mac r 1	Tropomyosin	M	f571
Giant freshwater prawn	Macrobrachium rosenbergii	Mac r 2	Arginine kinase	M	f572
Lobster	Homarus gammarus	Hom g		E	f80
Northern prawn	Pandalus borealis	Pan b		E	f515
Salmon	Salmo salar	Sal s		E	f41
Salmon	Salmo salar	Sal s 1	β-parvalbumin	M	f534
Salmon	Salmo salar	Sal s 6	Collagen	M	f574
Shrimp mix	Litopenaeus setiferus, Farfantepenaeus aztecus, Farfantepenaeus duorarum	Lit spp		E	f24
Squid	Loligo spp	Lol spp		E	f258
Swordfish	Xiphias gladius	Xip g 1	β-parvalbumin	M	f537
Thornback ray	Raja clavata	Raj c		E	f535
Thornback ray	Raja clavata	Raj c	Parvalbumin	M	f536

ALEX³ ALLERGEN LIST

SEAFOOD

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Tuna	Thunnus albacares	Thu a 1	β-parvalbumin	M	f538
Venus clam	Ruditapes spp	Rud spp		E	f207
Whiteleg shrimp	Litopenaeus vannamei	Lit v 7	Hemocyanin	M	f575

MEAT

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Beef	Bos domesticus	Bos d_meat		E	f27
Beef	Bos domesticus	Bos d 6	Serum albumin	M	e204
Chicken	Gallus domesticus	Gal d_meat		E	f83
Chicken	Gallus domesticus	Gal d 7	Myosin light chain	M	f802
Horse	Equus caballus	Equ c_meat		E	f321
House cricket	Acheta domesticus	Ach d		E	f526
Lamb	Ovis aries	Ovi a_meat		E	f88
Mealworm	Tenebrio molitor	Ten m		E	f527
Migratory locust	Locusta migratoria	Loc m		E	f553
Pork	Sus domesticus	Sus d 1	Serum albumin	M	f530
Rabbit	Oryctolagus spp	Ory c_meat		E	f213
Red meat		Galactose-α-1,3-galactose	α-gal	M	o215
Turkey	Meleagris gallopavo	Mel g		E	f284

ALEX³ ALLERGEN LIST



OTHERS

Allergen source	Scientific name	Short name	Biochemical designation	Molecule Extract	Allergen code
Hom s Lactoferrin	Homo sapiens	Hom s LF	CCD	M	o214
Latex	Hevea brasiliensis	Hev b 1	Rubber elongation factor	M	k215
Latex	Hevea brasiliensis	Hev b 3	Small rubber particle protein	M	k217
Latex	Hevea brasiliensis	Hev b 5	Unknown	M	k218
Latex	Hevea brasiliensis	Hev b 6.02	Pro-hevein	M	k220
Latex	Hevea brasiliensis	Hev b 11	Class I chitinase	M	k224
Pigeon tick	Argas reflexus	Arg r 1	Lipocalin	M	o100
Weeping fig	Ficus benjamina	Fic b		E	k81



MacroArray Diagnostics
Lemböckgasse 59, Top 4
1230 Vienna, Austria

☎ +43 1 865 25 73

✉ office@madx.com

🌐 www.madx.com

MKT-06 V.2.0

Released: 11-2025