

ALEX²® Allergen List

Component/Extract	Allergen-code	Common name	Scientific name	Component	Biochemical designation
Grass Pollen					
E	g17	Bahia trava	Paspalum notatum		
E	g2	Prstasti troskot	Cynodon dactylon		
C	g216	Prstasti troskot	Cynodon dactylon	rCyn d 1	Beta-Expansin
E	g7	Trska	Phragmites communis		
C	g100	Engleski ljulj	Lolium perenne	rLol p 1	Beta-Expansin
E	g12	RyRaže	Secale cereale		
C	g205	Mačica	Phleum pratense	rPhl p 1	Beta-Expansin
C	g206	Mačica	Phleum pratense	rPhl p 2	Expansin
C	g215	Mačica	Phleum pratense	rPhl p 5.0101	grass Group 5/6
C	g209	Mačica	Phleum pratense	rPhl p 6	grass Group 5/6
C	g210	Mačica	Phleum pratense	rPhl p 7	Polcalcin
C	g212	Mačica	Phleum pratense	rPhl p 12	Profilin
Tree Pollen					
E	t19	Akacija	Acacia mimosa		
C	t100	Joha	Alnus glutinosa	rAln g 1	PR-10
C	t101	Joha	Alnus glutinosa	rAln g 4	Polcalcin
C	t226	Arizonski čempres	Cupressus arizonica	nCup a 1	Pectate Lyase
E	t25	Jasen	Fraxinus excelsior		
C	t103	Jasen	Fraxinus excelsior	rFra e 1	Ole e 1-Family
C	t300	Bukva	Fagus sylvatica	rFag s 1	PR-10
E	t14	Topola	Populus nigra		
E	t222	Čempres	Cupressus sempervirens		
C	t105	Datulja	Phoenix dactylifera	rPho d 2	Profilin

E	t8	Brijest	Ulmus campestris		
E	t4	Lijeska	Corylus avellana		
C	t102	HazelLijeskal	Corylus avellana	rCor a 1.0103	PR-10
C	t241	Javorolisna platana	Platanus acerifolia	rPla a 1	Plant Invertase
C	t301	Javorolisna platana	Platanus acerifolia	nPla a 2	Polygalacturonase
C	t302	Javorolisna platana	Platanus acerifolia	rPla a 3	nsLTP
E	t63	Cedar	Juniperus ashei		
E	t71	Murva	Morus rubra		
C	t224	Maslina	Olea Europaea	nOle e 1	Ole e 1-Family
C	t240	Maslina	Olea Europaea	rOle e 9	1,3 β Glucanase
E	t305	Dudovac	Broussonetia papyrifera	Bro p	
C	t215	Obična breza	Betula verrucosa	rBet v 1	PR-10
C	t216	Obična breza	Betula verrucosa	rBet v 2	Profilin
C	t225	Obična breza	Betula verrucosa	rBet v 6	Isoflavon Reductase
C	t303	Japanska tisa	Cryptomeria japonica	rCry j 1	Pectate Lyase
E	t304	Žljezdasti pjasen	Ailanthus altissima		
E	t10	Orah	Juglans regia		
Weed Pollen					
C	w301	Jednogodišnja resulja	Mercurialis annua	rMer a 1	Profilin
E	w300	Konoplja (CBD)	Cannabis sativa		
C	w302	Konoplja	Cannabis sativa	rCan s 3	nsLTP
E	w10	Bijela loboda	Chenopodium album		
C	w100	Bijela loboda	Chenopodium album	rChe a 1	Ole e 1-Family
E	w6	Divlji pelin	Artemisia vulgaris		
C	w231	Divlji pelin	Artemisia vulgaris	rArt v 1.0101	Plant Defensin
C	w233	Divlji pelin	Artemisia vulgaris	rArt v 3.0201	nsLTP
E	w20	Obična kopriva	Urtica dioica		

E	w14	Šćir	Amaranthus retroflexus		
E	w1	Ambrozija	Ambrosia artemisiifolia		
C	w230	Ambrozija	Ambrosia artemisiifolia	rAmb a 1	Pectate Lyase
C	w300	Ambrozija	Ambrosia artemisiifolia	rAmb a 4	Plant Defensin
E	w9	Uskolisni trputac	Plantago lanceolata		
C	w234	Uskolisni trputac	Plantago lanceolata	rPla l 1	Ole e 1-Family
E	w11	Ruki čičak	Salsola kali		
C	w232	Ruki čičak	Salsola kali	rSal k 1	Pectin Methylesterase
E	w21	Zidna crkvina	Parietaria judaica		
C	w211	Zidna crkvina	Parietaria judaica	rPar j 2	nsLTP
Dander & Epithelia					
C	e94	Mačka	Felis domesticus	rFel d 1	Uteroglobin
C	e220	Mačka	Felis domesticus	nFel d 2	Serum Albumin
C	e228	Mačka	Felis domesticus	rFel d 4	Lipocalin
C	e300	Mačka	Felis domesticus	rFel d 7	Lipocalin
C	e100	Govedo	Bos domesticus	rBos d 2	Lipocalin
C	e301	Bijeli ruski hrčak	Phodopus sungorus	rPhod s 1	Lipocalin
C	e101	Pas	Canis familiaris	rCan f 1	Lipocalin
C	e102	Pas	Canis familiaris	rCan f 2	Lipocalin
C	e221	Pas	Canis familiaris	nCan f 3	Serum Albumin
C	e302	Pas	Canis familiaris	rCan f 4	Lipocalin
E	e308	Pas, male urine (incl. Can f 5)	Canis familiaris		
C	e303	Pas	Canis familiaris	rCan f 6	Lipocalin
C	e304	Pas	Canis familiaris	rCan f Fel d 1 like	Fel d 1 like
E	e80	Domaća koza	Capra hircus		
C	e305	Domaći zamorčić	Cavia porcellus	rCav p 1	Lipocalin
C	e227	Konj	Equus caballus	rEqu c 1	Lipocalin

C	e306	Konj	Equus caballus	nEqu c 3	Serum Albumin
C	e307	Konj	Equus caballus	rEqu c 4	Latherin
C	e103	Miš	Mus musculus	rMus m 1	Lipocalin
E	e83	Svinja	Sus domesticus		
C	e309	Zec	Oryctolagus cuniculus	rOry c 1	Lipocalin
C	e310	Zec	Oryctolagus cuniculus	rOry c 2	Lipocalin
C	e311	Zec	Oryctolagus cuniculus	rOry c 3	Secretoglobulin
E	e73	Štakor	Rattus norvegicus		
E	e81	Ovca	Ovis aries		
Mites & Cockroaches					
E	d70	Brašnena grinja	Acarus siro		
E	i206	Američki žohar	Periplaneta americana		
C	i300	Američki žohar	Periplaneta americana	rPer a 7	Tropomyosin
C	d100	Američka prašinska grinja	Dermatophagoides farinae	rDer f 1	Cysteine Protease
C	d101	Američka prašinska grinja	Dermatophagoides farinae	rDer f 2	NPC2 Family
C	d300	Grinje	Blomia tropicalis	rBlo t 5	Mite, Group 5
C	d301	Grinje	Blomia tropicalis	rBlo t 10	Tropomyosin
C	d302	Grinje	Blomia tropicalis	rBlo t 21	unknown
C	d202	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 1	Cysteine Protease
C	d203	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 2	NPC2 Family
C	d103	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 5	unknown
C	d104	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 7	Mite Group 7
C	d205	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 10	Tropomyosin
C	d102	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 11	Myosin, heavy chain
C	d303	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 20	Arginine Kinase
C	d304	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 21	unknown
C	d209	Europska prašinska grinja	Dermatophagoides pteronyssinus	rDer p 23	Peritrophin-like protein domain

C	i100	Smeđi žohar	Blatella germanica	rBla g 1	Cockroach group 1
C	i101	Smeđi žohar	Blatella germanica	rBla g 2	Aspartyl protease
C	i102	Smeđi žohar	Blatella germanica	rBla g 4	Calycin
C	i103	Smeđi žohar	Blatella germanica	rBla g 5	Glutathione S-transferase
C	i301	Smeđi žohar	Blatella germanica	rBla g 9	Arginine Kinase
C	d105	Kućni rastoč	Glycyphagus domesticus	rGly d 2	NPC2 Family
C	d305	Strvinarska grinja	Lepidoglyphus destructor	rLep d 2	NPC2 Family
E	d72	Sirna grinja	Tyrophagus putrescentiae		
C	d306	Sirna grinja	Tyrophagus putrescentiae	rTyr p 2	NPC2 Family
Moulds & Yeasts					
C	m229	Gljiva alternaria alternata	Alternaria alternata	rAlt a 1	Alt a 1-Family
C	m230	Gljiva alternaria alternata	Alternaria alternata	rAlt a 6	Enolase
C	m218	Aspergiloza	Aspergillus fumigatus	rAsp f 1	Mitogillin Family
C	m220	Aspergiloza	Aspergillus fumigatus	rAsp f 3	Peroxisomal Protein
C	m221	Aspergiloza	Aspergillus fumigatus	rAsp f 4	unknown
C	m222	Aspergiloza	Aspergillus fumigatus	rAsp f 6	Mn Superoxid-Dismutase
E	m2	Gljivične plijesni	Cladosporium herbarum		
C	m100	Gljivične plijesni	Cladosporium herbarum	rCla h 8	Short Chain Dehydrogenase
C	y2	Malassezia sympodialis	Malassezia sympodialis	rMala s 5	unknown
C	y3	Malassezia sympodialis	Malassezia sympodialis	rMala s 6	Cyclophilin
C	y5	Malassezia sympodialis	Malassezia sympodialis	rMala s 11	Mn Superoxid-Dismutase
E	m1	Kistac	Penicilium chrysogenum		
Insect Venoms					
E	i3	Otrov ose	Vespula vulgaris		
C	i211	Otrov ose	Vespula vulgaris	rVes v 1	Phospholipase A1
C	i209	Otrov ose	Vespula vulgaris	rVes v 5	Antigen 5
E	i70	Otrov vatrelih mrava	Solenopsis richteri & Solenopsis invicta	Sol spp.	

E	i1	Pčelinji otrov	Apis mellifera		
C	i208	Pčelinji otrov	Apis mellifera	nApi m 1	Phospholipase A2
C	i217	Pčelinji otrov	Apis mellifera	rApi m 10	Icarapin Variant 2
E	i25	Otrov ose (Long-headed)	Dolichovespula spp.		
E	i4	Otrov papirne ose		Pol d	
C	i210	Otrov papirne ose	Polistes dominulus	rPol d 5	Antigen 5
Cereals & Seeds					
E	f6	Obični ječam	Hordeum vulgare		
E	f11	Heljda	Fagopyrum esculentum		
C	f508	Heljda	Fagopyrum esculentum	nFag e 2	2S Albumin
E	f8	Kukuruzne pahuljice	Zea mays		
C	f523	Kukuruzne pahuljice	Zea mays	rZea m 14	nsLTP
E	f5	Raž	Secale cereale		
E	f305	Piskavica	Trigonella foenum-graecum		
E	f55	Proso	Panicum miliaceum		
E	f7	Obična zob	Avena sativa		
E	f224	Zrno maka	Papaver somniferum		
C	f516	Zrno maka	Papaver somniferum	nPap s 2S Albumin	2S Albumin
E	f226	Sjemenke bundeve	Cucurbita pepo		
E	f347	Kvinoja	Chenopodium quinoa		
E	f9	Riža	Oryza sativa		
E	f10	Indijski sezam	Sesamum indicum		
C	f518	Indijski sezam	Sesamum indicum	nSes i 1	2S Albumin
E	f124	Pravi pir	Triticum spelta		
E	k84	Sjemenke suncokreta	Helianthus annuus		
C	f542	Pšenica	Triticum aestivum	rTri a 14	nsLTP

C	f543	Pšenica	Triticum aestivum	rTri a 19	Omega-5-Gliadin
C	f544	Pšenica	Triticum aestivum	nTri a aA_TI	Alpha-Amylase Trypsin-Inhibitor
Egg & Milk					
E	f506	Devino mlijeko	Camelus dromedarius		
E	f2	Kravlje mlijeko	Bos domesticus		
C	f76	Kravlje mlijeko	Bos domesticus	nBos d 4	α-Lactalbumin
C	f77	Kravlje mlijeko	Bos domesticus	nBos d 5	β-Lactoglobulin
C	f78	Kravlje mlijeko	Bos domesticus	nBos d 8	Casein
E	f1	Bjelanjak	Gallus domesticus		
C	f233	Bjelanjak	Gallus domesticus	nGal d 1	Ovomucoid
C	f232	Bjelanjak	Gallus domesticus	nGal d 2	Ovalbumin
C	f323	Bjelanjak	Gallus domesticus	nGal d 3	Ovotransferrin
C	k208	Bjelanjak	Gallus domesticus	nGal d 4	Lysozym C
E	f75	Žumanjak	Gallus domesticus		
C	f510	Žumanjak	Gallus domesticus	nGal d 5	Serum Albumin
E	f300	Kozje mlijeko	Capra hircus		
E	f286	Kobilje mlijeko	Equus caballus		
E	f325	Ovčje mlijeko	Ovis aries		
Fruits					
C	f434	Jabuka	Malus domestica	rMal d 1	PR-10
C	f514	Jabuka	Malus domestica	nMal d 2	TLP
C	f435	Jabuka	Malus domestica	rMal d 3	nsLTP
E	f96	Avokado	Persea americana		
E	f92	Banana	Musa acuminata		
E	f288	Borovnica	Vaccinium myrtillus		
E	f242	Trešnja	Prunus spp.		

E	f283	Oregano	Origanum vulgare		
E	f218	Paprika	Capsicum annuum		
E	f86	Parsley	Petroselinum crispum		
Vegetables					
E	f31	Carott	Daucus carota		
C	f507	Carott	Daucus carota	rDau c 1	PR-10
C	f417	Celery	Apium graveolens	rApi g 1	PR-10
C	f504	Celery	Apium graveolens	rApi g 2	nsLTP
C	f505	Celery	Apium graveolens	rApi g 6	nsLTP
E	f47	Garlic	Allium sativum		
E	f48	Onion	Allium cepa		
E	f35	Potato	Solanum tuberosum		
E	f25	Tomato	Solanum lycopersicum		
C	f520	Tomato	Solanum lycopersicum	rSola l 6	nsLTP
Others					
E	f45	Baker's yeast	Sacccaromyces cerevisiae		
C	o214	Hom s lactoferrin		rHom s LF	CCD
C	k215	Latex	Hevea brasiliensis	rHev b 1	Rubber elongation factor
C	k217	Latex	Hevea brasiliensis	rHev b 3	small rubber particle protein
C	k218	Latex	Hevea brasiliensis	rHev b 5	unknown
C	k220	Latex	Hevea brasiliensis	rHev b 6.02	Pro-Hevein
C	k221	Latex	Hevea brasiliensis	rHev b 8	Profilin
C	k224	Latex	Hevea brasiliensis	rHev b 11	Class 1 Chitinase
C	o100	Pigeon tick	Argas reflexus	rArg r 1	Lipocalin
E	k81	Weeping fig	Ficus benjamina		

Research use only					
C	RUO-e800	Golden hamster	Mesocricetus auratus	rMes a 1	Lipocalin
C	RUO-f800	Hazelnut	Corylus avellana	rCor a 12	Oleolin
C	RUO-t227	Olive	Olea Europaea	rOle e 7	nsLTP
C	RUO-f801	Peach	Prunus persica	rPru p 7	Gibberellin-regulated protein
C	RUO-f804	Pistachio	Pistacia vera	rPis v 4	Mn Superoxid-Dismutase

Allergy Explorer² – flexible.reliable.affordable.

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