



Allergens and molecular components



In practice

Sampling conditions

Specific IgE blood tests do not require any special conditions.

- Treatment with anti-histamines can be continued.
- There is no need to fast before sample collection.
- The tests can be carried out at any age.

Pre-analysis conditions: 1 mL refrigerated serum

Turnaround: 2 days
(except for allergies in **blue**: 1 week)

Example:

Medick	<i>Medicago sativa</i>	w45
▶ Daffodil	<i>Narcissus</i>	w26
Stinging nettle	<i>Urtica dioica</i>	w20

For more information:

Eurofins Biomnis

International Division

Tel.: +334 72 80 23 85

E-mail : international@biomnis.com

www.biomnis.com > **Specialties** > **Allergology**

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*in alphabetical order

**chronological by code

To find an allergen using its code in the other categories of allergens, look under the category the code corresponds to:

c medications

d mites

e animals

f foods

g grass pollens

i venoms and insects

k occupational allergens

m microorganisms

o other

p parasites

t tree pollens

w herb pollens

Codes in italics: research allergens

1 Mites

House dust mites

<i>Dermatophagoides farinae</i>	d2
<i>Dermatophagoides microceras</i>	d3
<i>Dermatophagoides pteronyssinus</i>	d1
<i>Euroglyphus maynei</i>	d74

Storage mites

<i>Acarus siro</i>	d70
<i>Blomia tropicalis</i>	d201
<i>Glycyphagus domesticus</i>	d73
<i>Lepidoglyphus destructor</i>	d71
<i>Tyrophagus putrescentiae</i>	d72

1 Animals

Bovine serum albumin	e204
Budgerigar (droppings)	e77
Budgerigar (feathers)	e78
Canary (droppings)	e200
Canary (feathers)	e201
Cat (serum albumin)	e220
Cat (skin flakes)	e1
Chaffinch (feathers)	e214
Chicken (droppings)	e218
Chicken (feathers)	e85
Chicken (serum protein)	e219
Chinchilla (epithelium)	e208
Cockatiel (droppings)	e197
Cockatiel (feathers)	e196
Cockatiel (serum protein)	e198
Cow (hair and skin flakes)	e4
Deer (epithelium)	e216
Dog (serum albumin)	e221
Dog (skin flakes)	e5
Duck (feathers)	e86
Ferret (epithelium)	e217
Fox (epithelium)	e210
Gerbil (epithelium)	e209
Goat (epithelium)	e80
Goose (feathers)	e70
Guinea pig (epithelium)	e6
Hamster (epithelium)	e84

Horse (hair and skin flakes)	e3
Horse (serum protein)	e205
Mink (epithelium)	e203
Mouse (epithelium + serum protein + urinary protein)	e88
Mouse (epithelium)	e71
Mouse (serum protein)	e76
Mouse (urinary protein)	e72
Parrot (feathers)	e213
Pig (epithelium)	e83
Pig (serum albumin)	e222
Pig (urinary protein)	Re212
Pigeon (feathers)	e215
Rabbit (epithelium)	e82
Rabbit (serum protein)	e206
Rabbit (urinary protein)	e211
Raindeer (epithelium)	e202
Rat (epithelium + serum protein + urinary protein)	e87
Rat (epithelium)	e73
Rat (serum protein)	e75
Rat (urinary protein)	e74
Sheep (epithelium)	e81
Turkey (feathers)	e89

1 Microorganisms

<i>Alternaria alternata</i>	m6
<i>Aspergillus flavus</i>	m228
<i>Aspergillus fumigatus</i>	m3
<i>Aspergillus niger</i>	m207
<i>Aspergillus terreus</i>	m36
<i>Aureobasidium pullulans</i>	m12
<i>Botrytis cinerea</i>	m7
<i>Candida albicans</i>	m5
<i>Cephalosporium acremonium</i>	m202
<i>Chaetomium globosum</i>	m208
<i>Cladosporium herbarum</i>	m2
<i>Curvularia lunata</i>	m16
<i>Epicoccum purpurascens</i>	m14
<i>Fusarium proliferatum (F. moniliforme)</i>	m9
<i>Malassezia spp.</i>	m227
▶ <i>Micropolyspora faeni - thermopolyspora polyspora</i>	m50
<i>Mucor racemosus</i>	m4
▶ <i>Paecilomyces spp.</i>	m24
<i>Penicillium chrysogenum (P. notatum)</i>	m1
<i>Penicillium frequentans</i>	m209

<i>Phoma betae</i>	m13
<i>Pityrosporum orbiculare</i> (aka <i>Malassezia</i>)	m70
<i>Rhizopus nigricans</i>	m11
<i>Setomelanomma rostrata</i> (<i>Helminthosporium halodes</i>)	m8
<i>Staphylococcal enterotoxin A</i>	m80
<i>Staphylococcal enterotoxin B</i>	m81
<i>Staphylococcal enterotoxin C</i>	m223
<i>Staphylococcal enterotoxin TSST</i>	m226
▶ <i>Staphylococcus aureus</i>	o71
<i>Stemphylium herbarum</i> (<i>S. Botryosum</i>)	m10
▶ <i>Streptococcus viridans</i>	o51
<i>Trichoderma viride</i>	m15
<i>Trichophyton mentagrophytes</i> var. <i>goetzii</i>	m210
<i>Trichophyton mentagrophytes</i> var. <i>interdigitale</i>	m211
<i>Trichophyton rubrum</i>	m205
<i>Trichosporon pullulans</i>	m203
<i>Ulocladium chartarum</i>	m204
<i>Ustilago tritici</i>	m201

1

Tree pollens

African oil palm	<i>Elaeis guineensis</i>	t223
American beech	<i>Fagus grandifolia</i>	t5
American elm	<i>Ulmus americana</i>	t8
American sweetgum	<i>Liquidambar styraciflua</i>	t211
Arizona cypress	<i>Cupressus arizonica</i>	t222
Ash-leaved maple	<i>Acer negundo</i>	t1
Australian pine	<i>Casuarina equisetifolia</i>	t73
Bayberry	<i>Myrica cerifera</i>	t56
Birch	<i>Betula verrucosa</i>	t3
Blue palo verde	<i>Cercidium floridum</i>	t219
Broom	<i>Cytisus scoparius</i>	t55
California walnut	<i>Juglans californica</i>	t10
Canary Island date palm	<i>Phoenix canariensis</i>	t214
Cedar elm	<i>Ulmus crassifolia</i>	t45
Common ash	<i>Fraxinus excelsior</i>	t25
▶ Common lilac	<i>Syringa vulgaris</i>	t250
Douglas fir	<i>Pseudotsuga taxifolia</i>	t207
Eastern cottonwood	<i>Populus deltoides</i>	t14
Elder	<i>Sambucus nigra</i>	t205
Eucalyptus	<i>Eucalyptus</i> spp.	t18
Goat willow	<i>Salix caprea</i>	t12
Grey alder	<i>Alnus incana</i>	t2
Hackberry	<i>Celtis occidentalis</i>	t44
Hazel	<i>Corylus avellana</i>	t4

Hornbeam	<i>Carpinus betulus</i>	t209
Horse chestnut	<i>Aesculus hippocastanum</i>	t203
Incense cedar	<i>Libocedrus decurrens</i>	t212
Italian cypress	<i>Cupressus sempervirens</i>	t23
Japanese red cedar	<i>Cryptomeria japonica</i>	t17
Live oak	<i>Quercus virginiana</i>	t218
London plane	<i>Platanus acerifolia</i>	t11
Long-leaved wattle	<i>Acacia longifolia</i>	t19
Mockernut hickory	<i>Carya tomentosa (syn. C alba)</i>	t41
Monterey pine	<i>Pinus radiata</i>	t213
Mountain juniper	<i>Juniperus sabinooides</i>	t6
Oak	<i>Quercus alba</i>	t7
Olive	<i>Olea europaea</i>	t9
Pecan	<i>Carya pecan</i>	t22
Pencil cedar	<i>Juniperus virginiana</i>	t57
Peruvian pepper	<i>Schinus molle</i>	t217
Privet	<i>Ligustrum vulgare</i>	t210
Prosopis	<i>Prosopis juliflora</i>	t20
Queen palm	<i>Arecastrum romanzoffianum</i>	t72
Red mulberry	<i>Morus rubra</i>	t71
Russian olive	<i>Elaeagnus angustifolia</i>	t54
Small-leaved lime	<i>Tilia cordata</i>	t208
Spruce	<i>Picea abies</i>	t201
Swamp cypress	<i>Taxodium distichum</i>	t37
Sweet chestnut	<i>Castanea sativa</i>	t206
▶ Thuja	<i>Thuja</i>	t89
Weeping paperbark	<i>Melaleuca leucadendron</i>	t21
Weymouth pine	<i>Pinus strobus</i>	t16
White ash	<i>Fraxinus americana</i>	t15
White mulberry	<i>Morus alba</i>	t70

1 Grass pollens

Bahia grass	<i>Paspalum notatum</i>	g17
Barley	<i>Hordeum vulgare</i>	g201
Bermuda grass	<i>Cynodon dactylon</i>	g2
Bromegrass	<i>Bromus inermis</i>	g11
Cock's-foot	<i>Dactylis glomerata</i>	g3
Common reed	<i>Phragmites communis</i>	g7
Common rye-grass	<i>Lolium perenne</i>	g5
Creeping bent	<i>Agrostis stolonifera</i>	g9
Creeping wild rye	<i>Elymus triticoides</i>	g70
False oat-grass	<i>Arrhenatherum elatius</i>	g204
Johnson grass	<i>Sorghum halepensis</i>	g10
Kentucky bluegrass	<i>Poa pratensis</i>	g8
Maize	<i>Zea mays</i>	g202

Meadow fescue	<i>Festuca elatior</i>	g4
Meadow foxtail	<i>Alopecurus pratensis</i>	g16
Oat	<i>Avena sativa</i>	g14
Reed canary grass	<i>Phalaris arundinacea</i>	g71
Rye	<i>Secale cereale</i>	g12
Saltgrass	<i>Distichlis spicata</i>	g203
Sweet vernal-grass	<i>Anthoxanthum odoratum</i>	g1
Timothy grass	<i>Phleum pratense</i>	g6
Wheat	<i>Triticum sativum</i>	g15
Yorkshire fog	<i>Holcus lanatus</i>	g13

1 Weed pollens

Annual marsh elder	<i>Iva ciliata</i>	w16
Annual sumpweed	<i>Salsola kali (pestifer)</i>	w11
Broad cocklebur	<i>Xanthium commune</i>	w13
Chamomile	<i>Matricaria chamomilla</i>	w206
Common amaranth	<i>Amaranthus retroflexus</i>	w14
Common ragweed	<i>Ambrosia elatior (A. artemisifolia)</i>	w1
Cuman ragweed	<i>Ambrosia psilostachya</i>	w2
Curly dock	<i>Rumex crispus</i>	w23
► Daffodil	<i>Narcissus</i>	w26
Dandelion	<i>Taraxacum vulgare</i>	w8
Dogfennel	<i>Eupatorium capillifolium</i>	w46
European goldenrod / solidago	<i>Solidago virgaurea</i>	w12
Fat-hen	<i>Chenopodium album</i>	w10
Flatspine bur ragweed	<i>Franseria acanthicarpa</i>	w4
► Forsythia	<i>Forsythia</i>	w44
Giant ragweed	<i>Ambrosia trifida</i>	w3
Japanese hops	<i>Humulus scandens</i>	w22
Lupin	<i>Lupinus spp.</i>	w207
Medick	<i>Medicago sativa</i>	w45
Mock cypress	<i>Kochia scoparia</i>	w17
Mugwort	<i>Artemisia vulgaris</i>	w6
Narrow-leaved plantain	<i>Plantago lanceolata</i>	w9
Ox-eye daisy	<i>Chrysanthemum leucanthemum</i>	w7
Palmer's amaranth	<i>Amaranthus palmeri</i>	w82
Quailbrush	<i>Atriplex lentiformis</i>	w15
Rape	<i>Brassica napus</i>	w203
Sheep's sorrel	<i>Rumex acetosella</i>	w18
Spreading pellitory	<i>Parietaria judaica</i>	w21
Stinging nettle	<i>Urtica dioica</i>	w20
Sugar beet	<i>Beta vulgaris</i>	w210
Sunflower	<i>Helianthus annuus</i>	w204
Upright pellitory	<i>Parietaria officinalis</i>	w19
Wormwood	<i>Artemisia absinthium</i>	w5

1 Airborne allergen mixtures

Grass pollens

Cock's foot, meadow fescue, rye-grass, Timothy grass, Kentucky bluegrass	gx1
Bermuda grass, rye-grass, Timothy grass, Kentucky bluegrass, Johnson grass, Bahia grass	gx2
Sweet vernal-grass, rye-grass, Timothy grass, rye, Yorkshire fog	gx3
Sweet vernal-grass, rye-grass, common reed, rye, Yorkshire fog	gx4
Bermuda grass, rye-grass, Johnson grass, Bromegrass, Yorkshire fog, Bahia grass	gx6

Herb pollens

Yorkshire fog, mugwort, plantain, fat-hen, annual sumpweed	wx1
Cuman ragweed, mugwort, plantain, fat-hen, quailbrush	wx2
Mugwort, plantain, fat-hen, European goldenrod, stinging nettle	wx3
Yorkshire fog, mugwort, daisy, dandelion, European goldenrod	wx5
Plantain, fat-hen, annual sumpweed, sorrel	wx6
Daisy, dandelion, plantain, fat-hen, European goldenrod	wx7
Yorkshire fog, Cuman ragweed, giant ragweed	wx209

Tree pollens

Ash-leaved maple, birch, oak, elm, California walnut	tx1
Ash-leaved maple, oak, elm, Eastern cottonwood, pecan	tx2
Juniper, oak, Eastern cottonwood, propolis	tx3
Oak, elm, plane, goat willow, Eastern cottonwood	tx4
Grey alder, hazel, elm, goat willow, Eastern cottonwood	tx5
Ash-leaved maple, birch, American beech, oak, California walnut	tx6
Olive, goat willow, pine, eucalyptus, long-leaved wattle, weeping paperbark	tx7
Ash-leaved maple, birch, hazel, oak, plane	tx8
Grey alder, birch, hazel, oak, goat willow	tx9
Grey alder, birch, hazel, ash	tx10

Microorganisms

<i>Penicillium c.</i> , <i>Cladosporium h.</i> , <i>Aspergillus f.</i> , <i>Alternaria a.</i>	mx1
<i>Penicillium c.</i> , <i>Cladosporium h.</i> , <i>Aspergillus f.</i> , <i>Candida a.</i> , <i>Alternaria a.</i> , <i>Setonelanomma r.</i>	mx2
<i>Aspergillus fumigatus</i> , <i>Aspergillus niger</i> , <i>Aspergillus terreus</i> , <i>Aspergillus flavus</i>	mx4

Animals

Cat, horse, cow, dog	ex1
Cat, dog, guinea pig, rat, mouse	ex2
Guinea pig, rabbit, hamster, rat, mouse	ex70
Goose, chicken, duck, turkey feathers	ex71
Budgerigar/cockatiel, canary, parrot, chaffinch feathers	ex72
Goose, chicken, duck, parrot feathers	ex73

Other mixtures

Rye-grass, mugwort, plantain, pellitory, birch	rx1
D. farinae, cat, dog, horse, Alternaria	rx2
Bermuda grass, rye-grass, Bahia grass, Yorkshire fog, plantain, European goldenrod	rx3
Bermuda grass, rye-grass, bromegrass, Yorkshire fog, mugwort, plantain	rx4
D. pteronyssinus, cat, Aspergillus, cockroach	rx5
Birch, rye-grass, mugwort, Cladosporium, Alternaria	rx6
D. Pteronyssinus, cat, horse, dog, rabbit	rx7

2

Plant-based foods

Allspice	<i>Pimenta dioica</i>	f339
Almond	<i>Amygdalus communis</i>	f20
Anise	<i>Pimpinella anisum</i>	f271
Apple	<i>Malus sylvestris</i>	f49
Apricot	<i>Prunus armeniaca</i>	f237
▶ Artichoke	<i>Cynara scolymus</i>	f358
Asparagus	<i>Asparagus officinalis</i>	f261
Aubergine	<i>Solanum melongena</i>	f262
Avocado	<i>Persea americana</i>	f96
Bamboo shoot	<i>Phyllostachys pubescens</i>	f51
Banana	<i>Musa spp.</i>	f92
Barley	<i>Hordeum vulgare</i>	f90
Barley	<i>Hordeum vulgare</i>	f6
Basil	<i>Ocimum basilicum</i>	f269
Bay (leaf)	<i>Laurus nobilis</i>	f278
Beetroot	<i>Beta vulgaris</i>	f319
Bilberry	<i>Vaccinium myrtillus</i>	f288
Black olive	<i>Olea europea</i>	f342
Black pepper	<i>Piper nigrum</i>	f280
Blackberry	<i>Rubus fruticosus</i>	f211
▶ Blackcurrant	<i>Ribes nigrum</i>	f356
Brazil nut	<i>Bertholletia excelsa</i>	f18
Breadfruit (fruit)	<i>Artocarpus heterophyllus</i>	f318
Brewer's yeast	<i>Saccharomyces cerevisiae</i>	f45
Broccoli	<i>Brassica oleracea var. italica</i>	f260
Brussels sprouts	<i>Brassica oleracea var. gemmifera</i>	f217
Buckwheat	<i>Fagopyrum esculentum</i>	f11
Cabbage	<i>Brassica oleracea var. capitata</i>	f216
Cardamom	<i>Elettaria cardamomum</i>	f267
Carob	<i>Ceratonia siliqua</i>	f296
Carrot	<i>Daucus carota</i>	f31
Cashew nut	<i>Anacardium occidentale</i>	f202
Castor oil (seed)	See occupational allergens	k71
Cauliflower	<i>Brassica oleracea var. botrytis</i>	f291
Celery	<i>Apium graveolens</i>	f85

Cherry	<i>Prunus avium</i>	f242
Chestnut	<i>Castanea sativa</i>	f299
Chick pea	<i>Cicer arietinus</i>	f309
Chilli	<i>Capsicum frutescens</i>	f279
Cinnamon	<i>Cinnamomum spp.</i>	Rf220
Clove	<i>Syzygium aromaticum</i>	f268
Cockspur	<i>Echinochloa crus-galli</i>	f57
Cocoa	<i>Theobroma cacao</i>	f93
Coconut	<i>Cocos nucifera</i>	f36
Coffee	<i>Coffea spp.</i>	f221
Common millet	<i>Panicum milliaceum</i>	f55
Coriander	<i>Coriandrum sativum</i>	f317
► Courgette	<i>Cucurbita pepo</i>	f118
Cranberry	<i>Vaccinium oxycoccus</i>	Rf341
Cucumber	<i>Cucumis sativus</i>	f244
Cumin	<i>Carum carvi</i>	f265
Curry (Santa Maria)		f281
Date	<i>Phoenix dactylifera</i>	f289
Dill	<i>Anethum graveolens</i>	f277
Fennel	<i>Foeniculum vulgare</i>	f276
Fennel (seed)	<i>Foeniculum vulgare</i>	f219
Fenugreek	<i>Trigonella foenum-graecum</i>	f305
Fig	<i>Ficus carica</i>	f328
Foxtail millet	<i>Setaria italica</i>	f56
Garlic	<i>Allium sativum</i>	f47
Ginger	<i>Zingiber officinale</i>	f270
Gluten	<i>Triticum spp</i>	f79
Grape	<i>Vitis vinifera</i>	f259
Grapefruit	<i>Citrus paradisi</i>	f209
Grass pea	<i>Lathyrus sativus</i>	f310
Green bean	<i>Phaseolus vulgaris</i>	f315
Green pepper	<i>Piper nigrum</i>	f263
Guar gum (agar)	<i>Cyamopsis tetragonolobus</i>	f246
Guava	<i>Psidium guajava</i>	f292
Gum arabic	<i>Acacia spp.</i>	f297
Hazelnut R+*	<i>Corylus avellana</i>	f17
Honey		f247
Hops	<i>Humulus lupulus</i>	f324
Jujube	<i>Ziziphus jujuba</i>	f336
Kiwi fruit	<i>Actinidia chinensis</i>	f84
Lemon	<i>Citrus limon</i>	f208
Lentil	<i>Lens esculenta</i>	f235
Lettuce	<i>Lactuca sativa</i>	f215
Lima bean	<i>Phaseolus lunatus</i>	f182
Lime	<i>Citrus aurantifolia</i>	f306
Linseed (flax - seed)	<i>Linum usitatissimum</i>	f333
Lovage	<i>Levisticum officinale</i>	f275
Lupin (seed)	<i>Lupinus albus</i>	f335
Lychee	<i>Litchi chinensis</i>	f348

* Natural allergen source enriched with recombinant rCor a 1 allergen

Macadamia nut	<i>Macadamia spp.</i>	f345
Maize (seed)	<i>Zea mays</i>	f8
Mandarin	<i>Citrus reticulata</i>	f302
Mango	<i>Mangifera indica</i>	f91
Marjoram	<i>Origanum majorana</i>	f274
Melon	<i>Cucumis melo</i>	f87
Mint	<i>Mentha piperita</i>	f332
Mushroom	<i>Agaricus hortensis</i>	f212
Mustard	<i>Brassica/Sinapis spp.</i>	f89
► Nectarine	<i>Prunus persica</i>	f162
Nutmeg (mace)	<i>Myristica fragrans</i>	f266
Nutmeg (nut)	<i>Myristica fragrans</i>	Rf282
Oat	<i>Avena sativa</i>	f7
Onion	<i>Allium cepa</i>	f48
Orange	<i>Citrus sinensis</i>	f33
Oregano	<i>Origanum vulgare</i>	f283
Papaya	<i>Carica papaya</i>	f293
Paprika	<i>Capsicum annum</i>	f218
Parsley	<i>Petroselinum crispum</i>	f86
Passion fruit	<i>Passiflora edulis</i>	f294
Pea	<i>Pisum sativum</i>	f12
Peach	<i>Prunus persica</i>	f95
Peanut	<i>Arachis hypogaea</i>	f13
Pear	<i>Pyrus communis</i>	f94
Pecan nut	<i>Carya illinoensis</i>	f201
► Perch	<i>Perca fluviatilis</i>	f65
Persimmon	<i>Diospyros kaki</i>	f301
Pine nut	<i>Pinus edulis</i>	f253
Pineapple	<i>Ananas comosus</i>	f210
Pistachio	<i>Pistacia vera</i>	f203
Poppy (seed)	<i>Papaver somniferum</i>	f224
Potato	<i>Solanum tuberosum</i>	f35
Prune	<i>Prunus domestica</i>	f255
Pumpkin (seed)	<i>Cucurbita pepo</i>	f226
Pumpkin/gourd	<i>Cucurbita pepo</i>	f225
Quinoa	<i>Chenopodium quinoa</i>	f347
► Radish	<i>Raphanus sativus</i>	f119
Rape (seed)	<i>Brassica rapa</i>	f316
Raspberry	<i>Rubus idaeus</i>	f343
Raw coffee (bean)	<i>See occupational allergens</i>	k70
Red bean	<i>Phaseolus vulgaris</i>	f287
Red currant	<i>Ribes sylvestre</i>	f322
► Rhubarb	<i>Rheum</i>	f178
Rice	<i>Oryza sativa</i>	f9
Rose hip	<i>Rosa spp.</i>	f330
Rye	<i>Secale cereale</i>	f5
Saffron	<i>Crocus sativus</i>	f331
Sage	<i>Salvia officinalis</i>	f344
Sesame (seed)	<i>Sesamum indicum</i>	f10

Soy (bean)	<i>Glycine max</i>	f14
Spelt	<i>Triticum spelta</i>	f124
Spinach	<i>Spinacia oleracea</i>	f214
Starfruit	<i>Averrhoa carambola</i>	f295
Strawberry	<i>Fragaria vesca</i>	f44
Sugar beet (seed)	<i>Beta vulgaris</i>	f227
Sunflower (seed)	See occupational allergens	k84
Sweet potato	<i>Ipomea batatas</i>	f54
Tarragon	<i>Artemisia dracunculus</i>	f272
Tea	<i>Camellia sinensis</i>	f222
Thyme	<i>Thymus vulgaris</i>	f273
Tomato	<i>Lycopersicon lycopersicum</i>	f25
Tragacanth	<i>Astragalus spp</i>	f298
Vanilla	<i>Vanilla planifolia</i>	f234
Walnut	<i>Juglans spp.</i>	f256
Watermelon	<i>Citrullus lanatus</i>	f329
Wheat	<i>Triticum aestivum</i>	f4
White bean	<i>Phaseolus vulgaris</i>	f15

2 Animal-based foods

Anchovy	<i>Engraulis encrasicolus</i>	f313
Beef	<i>Bos spp.</i>	f27
Boiled cow's milk	<i>Bos spp</i>	f231
Carmine (cochineal extract)	<i>Dactylopius coccus</i>	f340
Catfish	<i>Ictalurus punctatus</i>	f369
Cheese (cooked)		f81
Cheese (fermented)		f82
Chicken	<i>Gallus spp.</i>	f83
Cod	<i>Gadus morhua</i>	f3
Cow's milk	<i>Bos spp</i>	f2
Cow's whey	<i>Bos spp</i>	f236
Crab	<i>Cancer pagurus</i>	f23
Crayfish	<i>Astacus astacus</i>	f320
► Duck (meat)	<i>Anatidae</i>	f157
Eel	<i>Anguilla anguilla</i>	f264
Egg (white)	<i>Gallus spp</i>	f1
Egg (yolk)	<i>Gallus spp</i>	f75
Elk	<i>Alces spp</i>	f285
Fish (cod)	<i>Gadus morhua</i>	f3

Goat's milk	<i>Capra hircus</i>	f300
Grooved carpet shell clam	<i>Ruditapes spp.</i>	f207
Grouper	<i>Epinephelus sp</i>	f410
Gulf flounder	<i>Paralichthys albigutta</i>	f147
Haddock	<i>Melanogrammus aeglefinus</i>	f42
Hake	<i>Merluccius merluccius</i>	f307
Halibut	<i>Hippoglossus hippoglossus</i>	f303
Herring	<i>Clupea harengus</i>	f205
Horse	<i>Equus spp</i>	f321
Japanese flying squid	<i>Todarodes pacificus</i>	f58
Japanese horse mackerel	<i>Trachurus japonicus</i>	f60
Japanese pilchard	<i>Sardinops melanosticta</i>	f61
Lamb	<i>Ovis spp.</i>	f88
Lobster	<i>Homarus gammarus</i>	f80
Mackerel	<i>Scomber scombrus</i>	f206
Mare's milk	<i>Equus spp</i>	f286
Megrim	<i>Lepidorhombus whiffiagonis</i>	f311
Mussel	<i>Mytilus edulis</i>	f37
Octopus	<i>Octopus vulgaris</i>	f59
Orange roughy	<i>Hoplostethus atlanticus</i>	f412
Ormer	<i>Haliotis spp.</i>	f346
Oyster	<i>Ostrea edulis</i>	f290
Pacific mackerel	<i>Scomber japonicus</i>	f50
Plaice	<i>Pleuronectes platessa</i>	f254
Pollock	<i>Pollachius virens</i>	f413
Pork	<i>Sus spp</i>	f26
Prawn	<i>Pandalus borealis, Penaeus monodon</i> <i>Metapenaeopsis barbata,</i> <i>Metapenaeus joyneri</i>	f24
Rabbit	<i>Oryctolagus spp.</i>	f213
Rainbow trout	<i>Oncorhynchus mykiss (salmo gairdneri)</i>	f204
Red snapper	<i>Lutjanus campechanus</i>	f381
Salmon	<i>Salmo salar</i>	f41
Sardine	<i>Sardina pilchardus</i>	f308
Scallop	<i>Pecten spp.</i>	f338
Sheep's milk	<i>Ovis spp</i>	f325
Sheep's whey	<i>Ovis spp</i>	f326
Snail	<i>Helix aspersa</i>	f314
Sole	<i>Solea</i>	f337
Spiny lobster	<i>Palinurus spp.</i>	f304
Squid	<i>Loligo spp.</i>	f258
Swordfish	<i>Xiphias gladius</i>	f312
Tilapia	<i>Oreochromis sp</i>	f414
Tuna	<i>Thunnus albacares</i>	f40
Turkey	<i>Meleagris gallopavo</i>	f284
Walleye	<i>Sander vitreus (Stizostedion vitreum)</i>	f415
Whitefish	<i>Stenodus sp</i>	f384
Whole egg	<i>Gallus spp</i>	f245

2 Foods in chronological code order

f1	Egg (white)	<i>Gallus spp</i>
f2	Cow's milk	<i>Bos spp</i>
f3	Fish (cod)	<i>Gadus morhua</i>
f4	Wheat	<i>Triticum aestivum</i>
f5	Rye	<i>Secale cereale</i>
f6	Barley	<i>Hordeum vulgare</i>
f7	Oats	<i>Avena sativa</i>
f8	Maize (seed)	<i>Zea mays</i>
f9	Rice	<i>Oryza sativa</i>
f10	Sesame (seed)	<i>Sesamum indicum</i>
f11	Buckwheat	<i>Fagopyrum esculentum</i>
f12	Pea	<i>Pisum sativum</i>
f13	Peanut	<i>Arachis hypogaea</i>
f14	Soy (bean)	<i>Glycine max</i>
f15	White bean	<i>Phaseolus vulgaris</i>
f17	Hazelnut R+*	<i>Corylus avellana</i>
f18	Brazil nut	<i>Bertholletia excelsa</i>
f20	Almond	<i>Amygdalus communis</i>
f23	Crab	<i>Cancer pagurus</i>
f24	Prawn	<i>Pandalus borealis, Penaeus monodon Metapenaeopsis barbata, Metapenaeus joyneri</i>
f25	Tomato	<i>Lycopersicon lycopersicum</i>
f26	Pork (meat)	<i>Sus spp.</i>
f27	Beef (meat)	<i>Bos spp.</i>
f31	Carrot	<i>Daucus carota</i>
f33	Orange	<i>Citrus sinensis</i>
f35	Potato	<i>Solanum tuberosum</i>
f36	Coconut	<i>Cocos nucifera</i>
f37	Mussel	<i>Mytilus edulis</i>
f40	Tuna	<i>Thunnus albacares</i>
f41	Salmon	<i>Salmo salar</i>
f42	Haddock	<i>Melanogrammus aeglefinus</i>
f44	Strawberry	<i>Fragaria vesca</i>
f45	Brewer's yeast	<i>Saccharomyces cerevisiae</i>
f47	Garlic	<i>Allium sativum</i>
f48	Onion	<i>Allium cepa</i>
f49	Apple	<i>Malus sylvestris</i>
f50	Pacific mackerel	<i>Scomber japonicus</i>
f51	Bamboo shoot	<i>Phyllostachys pubescens</i>
f54	Sweet potato	<i>Ipomea batatas</i>
f55	Common millet	<i>Panicum milliaceum</i>
f56	Foxtail millet	<i>Setaria italica</i>
f57	Cockspur	<i>Echinochloa crus-galli</i>
f58	Japanese flying squid	<i>Todarodes pacificus</i>
f59	Octopus	<i>Octopus vulgaris</i>

* Natural allergen source enriched with recombinant rCor a 1 allergen

f60	Japanese horse mackerel	<i>Trachurus japonicus</i>
f61	Sardine	<i>Sardinops melanosticta</i>
▶ f65	Perch	<i>Perca fluviatilis</i>
f75	Egg (yolk)	<i>Gallus spp</i>
f79	Gluten	<i>Triticum spp</i>
f80	Lobster	<i>Homarus gammarus</i>
f81	Cheese (cooked)	
f82	Cheese (fermented)	
f83	Chicken (meat)	<i>Gallus spp.</i>
f84	Kiwi fruit	<i>Actinidia chinensis</i>
f85	Celery	<i>Apium graveolens</i>
f86	Parsley	<i>Petroselinum crispum</i>
f87	Melon	<i>Cucumis melo</i>
f88	Lamb (meat)	<i>Ovis spp.</i>
f89	Mustard	<i>Brassica/Sinapis spp.</i>
f90	Barley	<i>Hordeum vulgare</i>
f91	Mango	<i>Mangifera indica</i>
f92	Banana	<i>Musa spp.</i>
f93	Cocoa	<i>Theobroma cacao</i>
f94	Pear	<i>Pyrus communis</i>
f95	Peach	<i>Prunus persica</i>
f96	Avocado	<i>Persea americana</i>
▶ f118	Courgette	<i>Cucurbita pepo</i>
▶ f119	Radish	<i>Raphanus sativus</i>
f124	Spelt	<i>Triticum spelta</i>
f147	Gulf flounder	<i>Paralichthys albigutta</i>
▶ f157	Duck (meat)	<i>Anatidae</i>
▶ f162	Nectarine	<i>Prunus persica</i>
▶ f178	Rhubarb	<i>Rheum</i>
f182	Lima bean	<i>Phaseolus lunatus</i>
f201	Pecan nut	<i>Carya illinoensis</i>
f202	Cashew nut	<i>Anacardium occidentale</i>
f203	Pistachio	<i>Pistacia vera</i>
f204	Rainbow trout	<i>Oncorhynchus mykiss (salmo gairdneri)</i>
f205	Herring	<i>Clupea harengus</i>
f206	Mackerel	<i>Scomber scombrus</i>
f207	Grooved carpet shell clam	<i>Ruditapes spp.</i>
f208	Lemon	<i>Citrus limon</i>
f209	Grapefruit	<i>Citrus paradisi</i>
f210	Pineapple	<i>Ananas comosus</i>
f211	Blackberry	<i>Rubus fruticosus</i>
f212	Mushroom	<i>Agaricus hortensis</i>
f213	Rabbit (meat)	<i>Oryctolagus spp.</i>
f214	Spinach	<i>Spinacia oleracea</i>
f215	Lettuce	<i>Lactuca sativa</i>
f216	Cabbage	<i>Brassica oleracea var. capitata</i>
f217	Brussels sprouts	<i>Brassica oleracea var. gemmifera</i>
f218	Paprika	<i>Capsicum annuum</i>
f219	Fennel (seed)	<i>Foeniculum vulgare</i>

f221	Coffee	<i>Coffea spp.</i>
f222	Tea	<i>Camellia sinensis</i>
f224	Poppy (seed)	<i>Papaver somniferum</i>
f225	Pumpkin/gourd	<i>Cucurbita pepo</i>
f226	Pumpkin (seed)	<i>Cucurbita pepo</i>
f227	Sugar beet	<i>Beta vulgaris</i>
f231	Boiled cow's milk	<i>Bos spp</i>
f234	Vanilla	<i>Vanilla planifolia</i>
f235	Lentil	<i>Lens esculenta</i>
f236	Cow's whey	<i>Bos spp</i>
f237	Apricot	<i>Prunus armeniaca</i>
f242	Cherry	<i>Prunus avium</i>
f244	Cucumber	<i>Cucumis sativus</i>
f245	Whole egg	<i>Gallus spp</i>
f246	Guar gum (agar)	<i>Cyamopsis tetragonolobus</i>
f247	Honey	
f253	Pine nut	<i>Pinus edulis</i>
f254	Plaice	<i>Pleuronectes platessa</i>
f255	Prune	<i>Prunus domestica</i>
f256	Walnut	<i>Juglans spp.</i>
f258	Squid	<i>Loligo spp.</i>
f259	Grape	<i>Vitis vinifera</i>
f260	Broccoli	<i>Brassica oleracea var. italica</i>
f261	Asparagus	<i>Asparagus officinalis</i>
f262	Aubergine	<i>Solanum melongena</i>
f263	Green pepper	<i>Piper nigrum</i>
f264	Eel	<i>Anguilla anguilla</i>
f265	Cumin	<i>Carum carvi</i>
f266	Mace (nutmeg)	<i>Myristica fragrans</i>
f267	Cardamom	<i>Elettaria cardamomum</i>
f268	Clove	<i>Syzygium aromaticum</i>
f269	Basil	<i>Ocimum basilicum</i>
f270	Ginger	<i>Zingiber officinale</i>
f271	Anise	<i>Pimpinella anisum</i>
f272	Tarragon	<i>Artemisia dracunculus</i>
f273	Thyme	<i>Thymus vulgaris</i>
f274	Marjoram	<i>Origanum majorana</i>
f275	Lovage	<i>Levisticum officinale</i>
f276	Fennel	<i>Foeniculum vulgare</i>
f277	Dill	<i>Anethum graveolens</i>
f278	Bay (leaf)	<i>Laurus nobilis</i>
f279	Chilli	<i>Capsicum frutescens</i>
f280	Black pepper	<i>Piper nigrum</i>
f281	Curry (Santa Maria)	
f283	Oregano	<i>Origanum vulgare</i>
f284	Turkey (meat)	<i>Meleagris gallopavo</i>
f285	Elk (meat)	<i>Alces spp</i>
f286	Mare's milk	<i>Equus spp</i>
f287	Red bean	<i>Phaseolus vulgaris</i>

f288	Bilberry	<i>Vaccinium myrtillus</i>
f289	Date	<i>Phoenix dactylifera</i>
f290	Oyster	<i>Ostrea edulis</i>
f291	Cauliflower	<i>Brassica oleracea var. botrytis</i>
f292	Guava	<i>Psidium guajava</i>
f293	Papaya	<i>Carica papaya</i>
f294	Passion fruit	<i>Passiflora edulis</i>
f295	Starfruit	<i>Averrhoa carambola</i>
f296	Carob	<i>Ceratonia siliqua</i>
f297	Gum arabic	<i>Acacia spp.</i>
f298	Tragacanth	<i>Astragalus spp</i>
f299	Chestnut	<i>Castanea sativa</i>
f300	Goat's milk	<i>Capra hircus</i>
f301	Persimmon	<i>Diospyros kaki</i>
f302	Mandarin	<i>Citrus reticulata</i>
f303	Halibut	<i>Hippoglossus hippoglossus</i>
f304	Spiny lobster	<i>Palinurus spp.</i>
f305	Fenugreek	<i>Trigonella foenum-graecum</i>
f306	Lime	<i>Citrus aurantifolia</i>
f307	Hake	<i>Merluccius merluccius</i>
f308	Sardine	<i>Sardina pilchardus</i>
f309	Chick pea	<i>Cicer arietinus</i>
f310	Grass pea	<i>Lathyrus sativus</i>
f311	Megrin	<i>Lepidorhombus whiffiagonis</i>
f312	Swordfish	<i>Xiphias gladius</i>
f313	Anchovy	<i>Engraulis encrasicolus</i>
f314	Snail	<i>Helix aspersa</i>
f315	Green bean	<i>Phaseolus vulgaris</i>
f316	Rape (seed)	<i>Brassica rapa</i>
f317	Coriander	<i>Coriandrum sativum</i>
f318	Breadfruit (fruit)	<i>Artocarpus heterophyllus</i>
f319	Beetroot	<i>Beta vulgaris</i>
f320	Crayfish	<i>Astacus astacus</i>
f321	Horse (meat)	<i>Equus spp</i>
f322	Red currant	<i>Ribes sylvestri</i>
f324	Hops	<i>Humulus lupulus</i>
f325	Sheep's milk	<i>Ovis spp</i>
f326	Sheep's whey	<i>Ovis spp</i>
f328	Fig	<i>Ficus carica</i>
f329	Watermelon	<i>Citrullus lanatus</i>
f330	Rose hip	<i>Rosa spp</i>
f331	Saffron	<i>Crocus sativus</i>
f332	Mint	<i>Mentha piperita</i>
f333	Linseed (seed)	<i>Linum usitatissimum</i>
f335	Lupin (seed)	<i>Lupinus albus</i>
f336	Jujube	<i>Ziziphus jujuba</i>
f337	Sole	<i>Solea</i>

f338	Scallop	<i>Pecten spp.</i>
f339	Allspice	<i>Pimenta dioica</i>
f340	Carmine/cochineal extract	<i>Dactylopus coccus</i>
f342	Black olive	<i>Olea europea</i>
f343	Raspberry	<i>Rubus idaeus</i>
f344	Sage	<i>Salvia officinalis</i>
f345	Macadamia nut	<i>Macadamia spp.</i>
f346	Ormer	<i>Haliotis spp.</i>
f347	Quinoa	<i>Chenopodium quinoa</i>
f348	Lychee	<i>Litchi chinensis</i>
▶ f356	Blackcurrant	<i>Ribes nigrum</i>
▶ f358	Artichoke	<i>Cynara scolymus</i>
f369	Catfish	<i>Ictalurus punctatus</i>
f381	Red snapper	<i>Lutjanus campechanus</i>
f384	Whitefish	<i>Stenodus sp</i>
f410	Grouper	<i>Epinephelus sp</i>
f412	Orange roughy	<i>Hoplostethus atlanticus</i>
f413	Pollock	<i>Pollachius virens</i>
f414	Tilapia	<i>Oreochromis sp</i>
f415	Walleye	<i>Sander vitreus (Stizostedion vitreum)</i>
Rf220	Cinnamon	<i>Cinnamomum spp.</i>
Rf282	Nutmeg	<i>Myristica fragrans</i>
Rf341	Cranberry	<i>Vaccinium oxycoccus</i>

2 Food mixtures

Almond, kiwi fruit, melon, banana, grape	fx9
Apple, banana, pear, peach	fx17
Apple, pear, peach, cherry, prune	fx31
Basil, fennel seed, ginger, anise	fx72
Carrot, potato, spinach, cucumber	fx19
Cod, herring, mackerel, plaice	fx74
Cod, prawn, mussel, tuna, salmon	fx2
Cumin, nutmeg (mace), cardamom, clove	fx71
Egg white, cow's milk, fish, peanut, soy, wheat	fx5
Egg white, cow's milk, peanut, mustard	fx26
Fish, hazelnut, soy, wheat	fx27
Hazelnut, brazil nut, orange, apple, cocoa	fx8
Hazelnut, prawn, kiwi fruit, banana	fx24
Kiwi fruit, mango, banana, avocado, papaya	fx30
Kiwi fruit, melon, banana, peach, pineapple	fx21
Lentil, pea, white bean, carob	fx32
Maize, pea, white bean, carrot, broccoli	fx11
Orange, apple, banana, peach	fx15
Orange, lemon, grapefruit, mandarin	fx29

Pea, peanut, soya	fx18
Pea, white bean, carrot, potato	fx13
Peanut, hazelnut, brazil nut, almond, coconut	fx1
Pecan nut, cashew nut, pistachio, walnut	fx22
Pork, beef, chicken	fx73
Prawn, kiwi fruit, beef, sesame	fx28
Rye, rice, potato, mushroom, pumpkin	fx12
Sesame, brewer's yeast, garlic, celery	fx25
Strawberry, pear, lemon, pineapple	fx16
Tarragon, marjoram, thyme, lovage	fx70
Tomato, brewer's yeast, garlic, onion, celery	fx7
Tomato, spinach, cabbage, paprika	fx14
Wheat, oat, maize, sesame, buckwheat	fx3
Wheat, rye, oats, rice	fx20

3

Venoms and insects

American cockroach	<i>Periplatena americana</i>	i206
Bald-faced hornet	<i>Dolichovespula maculata</i>	i2
Beetle	<i>Trogoderma angustum (Solier)</i>	i76
Blood worm (chironomus larva)	<i>Chironomus thummi (C. riparius)</i>	i73
Bumblebee	<i>Bombus terrestris</i>	i205
Common aerial yellowjacket	<i>Dolichovespula maculata</i>	i5
Common wasp R+*	<i>Vespula spp.</i>	i3
Ephestia	<i>Ephestia kuehniella</i>	i203
European hornet	<i>Vespa crabro</i>	i75
European paper wasp R+**	<i>Polistes dominulus</i>	i77
German cockroach	<i>Blattella germanica</i>	i6
Grain weevil	<i>Sitophilus granarius</i>	i202
Green nimitti	<i>Cladotanytarsus Lewisii</i>	i72
Honeybee	<i>Apis mellifera</i>	i1
Horsefly	<i>Tabanus spp</i>	i204
Mosquito	<i>Aedes communis</i>	i71
Oriental cockroach	<i>Blatta orientalis</i>	i207
Polistine wasp R+**	<i>Polistes spp.</i>	i4
Red ant	<i>Solenopsis invicta</i>	i70
Silk moth	<i>Bombyx mori</i>	i8

4

Parasites

Anisakis	p4
Ascaris	p1
▶ Schistosoma	p3

* Natural allergen source enriched with recombinant rVes v 5 allergen

** Natural allergen source enriched with recombinant rPol d 5 allergen

5

Medications

▶ Acetylsalicylic acid	c217
ACTH	Rc206
▶ Aminoglycoside mixtures (genta-, linco-, neo-, strepto-, tobramycine)	c288
▶ Ammonium persulphate	c604
Amoxicillin (amoxycillin)	c6
Ampicillin	c5
▶ Benzoate	c703
Bovine gelatin	c74
Bovine insulin	c71
▶ Carbamazepine	c338
Cefaclor	c7
▶ Cefalexin (Keflex®, Cepol®, Ceporex®)	c309
▶ Cefuroxime (Zinacef®, Ceftin®)	c308
▶ Cephalosporin mixture (Cefaclor, Cefalexin, Cefotaxime, Cefuroxime)	c201
Chlorhexidine	c8
Chymopapain	c209
▶ Ciprofloxacin	c307
▶ Clavulanic acid	c305
▶ Codeine	c300
▶ Diclofenac	c281
▶ Doxycycline	c216
▶ Erythromycin	c212
▶ Gentamicin	c213
▶ Glutamic acid	c707
Human insulin	c73
▶ Ibuprofen	c286
▶ Indometacin	c282
▶ Ketoprofen	c388
▶ Lidocaine (Xylocaine®)	c232
▶ Macrolide mixture (Amphotericin B, Erythromycin Nystatin, Spiramycin)	c222
▶ Methylene blue	c710
▶ Methylparaben (E 218)	c713
▶ Metronidazole	c398
▶ Paracetamol	u209
Penicillin G	c1
Penicillin V	c2
▶ Phenylbutazone	c419
Pholcodine	c261
Pig insulin	c70
▶ Prednisone	c254

*In-house technique

5 Medications

Protamine	Rc207
Quaternary ammonium (structural analogue of succinylcholine, PAPPC-EIA*)	AM4
Quaternary ammonium (morphine)	c260
▶ Quinoline (E104)	c704
▶ Sodium nitrite (E 250)	c711
▶ Streptomycin	c295
▶ Sulfamethoxazole	c223
Suxamethonium (Succinylcholine)	c202
▶ Tartrazine (E102)	c717
Tetanus toxoid	Rc208
▶ Tetracyclines	c211
▶ Trimethoprim	c242
▶ Vitamin B12	c721

6 Other

Artemia salina	o202
Cotton (raw fibre)	o1
Daphnia	o207
▶ <i>Escherichia coli</i>	o2
Mealworm <i>Tenebrio molitor</i>	o211
Seminal fluid	o70
▶ <i>Staphylococcus aureus</i>	o71
▶ <i>Streptococcus viridans</i>	o51
Tetramin	o203
Tobacco leaf	o201



7 Occupational allergens

Abachi (wood dust)	<i>Triplochiton scleroxylon</i>	k212
▶ Acrylic fibre		K1
Alkalase		k205
Alpha-amylase		k87
▶ Ash (wood)		K34
▶ Beech (wood)		K32
Bougainvillea		k214
Bromelain		k202
Castor oil (seed)		k71
Chloramine-T		k85
Cotton (seed)		k83
Ethylene oxide		k78
Ficus		k81
Formaldehyde		k80
▶ Hay dust		K7
Hexahydrophthalic acid anhydride		k209
Isocyanate HDI		k77
Isocyanate MDI		k76
Isocyanate TDI		k75
Ispaghul		k72
▶ Kapok		K14
Latex R+*		k82
Lysozyme		k208
▶ Mahogany		K39
Maleic anhydride		Rk210
Maxatase		k204
Methyl tetrahydrophthalic anhydride		k211
▶ Oak (wood)		K33
Papain		k201
Pepsin		k213
Phthalic anhydride		k79
▶ Processed sheep's wool		K20
Pure silk		k74
Raw coffee (beans)		k70
Savinase		k206
Silk (waste)		k73
▶ Silver fir		K44
▶ Straw dust		K23
Trimellitic anhydride		k86
▶ Unprocessed sheep's wool		K21
▶ Weymouth pine (wood)		K36

7 Occupational allergen mixtures

▶ Softwood mixtures (beech, pine, red cedar, silver fir)	kx4
▶ Hardwood mixture (k33, k39, k41, k212)	kx5
Horse, cow, goose, chicken	pax1
Aspergillus fumigatus, Alternaria alternata, rye, wheat (pollen)	pax3
Wheat (grain), soy, alpha-amylase, Sitophilus granarius	pax4
Isocyanates (TDI, MDI, HDI), phthalic anhydride	pax5
Ethylene oxide, phthalic anhydride, formaldehyde, Chloramine-T	pax6



8 Diagnostic screening tests

ImmunoCAP® Phadiatop



Mixture of allergenic compounds representative of common airborne allergens: Mites, animals, moulds, herb pollens, grass pollens, tree pollens

ImmunoCAP® Trophatop Child



- (up to 15 years)
- Egg white, cow's milk, peanut, mustard
 - Fish, hazelnut, soy, wheat
 - Prawn, kiwi fruit, beef, sesame

ImmunoCAP® Trophatop Adult



- Egg white, cow's milk, fish, peanut, soy, wheat
- Hazelnut, prawn, kiwi fruit, banana
- Sesame seeds, brewer's yeast, garlic, celery

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Allergenic substances

Mites

<i>House dust mite</i>	rDer p 1		d202
	rDer p 2		d203
	rDer p 10	Tropomyosin	d205
	rDer p 23		d209

Animals

Cat	rFel d 1		e94
	nFel d 2	Serum albumin	e220
	rFel d 4		e228
Horse	rEqu c 1		e227
Dog	rCan f 1		e101
	rCan f 2		e102
	nCan f 3	Serum albumin	e221
	rCan f 5		e226
Pig	nSus s PSAS	Serum albumin	e222
Cow	nBos d 6	Serum albumin	e204

Microorganisms

<i>Alternaria alternata</i>	rAlt a 1		m229
<i>Aspergillus fumigatus</i>	rAsp f 1		m218
	rAsp f 2		m219
	rAsp f 3		m220
	rAsp f 4		m221
	rAsp f 6		m222

Tree pollens

Birch	rBet v 1	PR-10	t215
	rBet v 2	Profilin	t216
	rBet v 4	Polcalcin	t220
	rBet v 6		t225
	rBet v 2 + rBet v 4		t221
Cypress	nCup a 1		t226
Oleaceae	rOle e 1		t224
Olive tree	nOle e 7	LTP	t227
	rOle e 9		t240
Plane	rPla a 1		t241

Grass pollens

Bermuda grass	nCyn d 1		g216
Rye-grass	rPhl p 1		g205
	rPhl p 2		g206
	nPhl p 4		g208
	rPhl p 5b		g215
	rPhl p 6		g209

	rPhl p 7	Polcalcin	g210
	rPhl p 11		g211
	rPhl p 12	Profilin	g212
	rPhl p 1 + rPhl p 5b		g213
	rPhl p 7 + rPhl p 12		g214

Weed pollens

Yorkshire fog	nAmb a 1		w230
Mugwort	nArt v 1		w231
	nArt v 3	LTP	w233
Pellitory	rPar j 2	LTP	w211
Plantain	rPla l 1		w234
Annual sumpweed	nSal k 1		w232

Foods

Peanut	rAra h 1	Storage protein	f422
	rAra h 2	Storage protein	f423
	rAra h 3	Storage protein	f424
	rAra h 6	Albumin 2S, peanut	f447
	rAra h 8	PR-10	f352
	rAra h 9	LTP	f427
Wheat	Gliadin	Gliadin	f98
	rTri a 14	LTP	f433
	rTri a 19	Omega 5 gliadin	f416
Carp	rCyp c 1	Parvalbumin	f355
Cod	rGad c 1	Parvalbumin	f426
Celery	rApi g 1.01	PR-10	f417
Prawn	rPen a 1	Tropomyosin	f351
Kiwi fruit	rAct d 8	PR-10	f430
Cow's milk	nBos d 4	α -lactalbumin	f76
	nBos d 5	β -lactoglobulin	f77
	nBos d 6	Serum albumin	e204
	nBos d 8	Casein	f78
Hazelnut	rCor a 1	PR-10	f428
	rCor a 8	LTP	f425
	nCor a 9	Storage protein	f440
	rCor a 14	Storage protein	f439
Walnut	rJug r 1	Storage protein	f441
	rJug r 3	LTP	f442
Cashew nut	rAna o 3	Storage protein	f443
Brazil nut	rBer e 1	Storage protein	f354
Egg	nGal d 1	Ovomucoid	f233
	nGal d 2	Ovalbumin	f232
	nGal d 3	Conalbumin	f323
	nGal d 4	Lysozyme	k208
Peach	rPru p 1	PR-10	f419
	rPru p 3	LTP	f420
	rPru p 4	Profilin	f421

Foods (contd.)

Apple	rMal d 1	PR-10	f434
	rMal d 3	LTP	f435
Soy	rGly m 4	PR-10	f353
	nGly m 5	Storage protein	f431
	nGly m 6	Storage protein	f432

Venoms

Bee	rApi m 1		i208
	rApi m 2		i214
	rApi m 3		i215
	rApi m 5		i216
	rApi m 10		i217
Vespula wasp	rVes v 1		i211
	rVes v 5		i209
Polistine wasp	rPol d 5		i210

Other – CCD marker

alpha Gal	Galactose-alpha-1,3-galactose		o215
CCD	MUXF3		o214

Occupational allergens/enzymes

Pineapple	nA a c 2	Bromelain	k202
<i>Aspergillus oryzae</i>	nAsp o 21	α -amylase	k87
<i>Bacillus spp.</i>		Alkalase	k205
		Maxatase	k204
		Savinase	k206
Papaya	nCar p 1	Papain	k201
Pig	nSus s	Pepsin	k213

Latex

Latex	rHev b 1		k215
	rHev b 3		k217*
	rHev b 5		k218
	rHev b 6.02		k220
	rHev b 8	Profilin	k221*
	rHev b 11		k224*

*Available soon



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Eurofins Biomnis

17/19 avenue Tony Garnier

BP 7322 – 69357 LYON Cedex 07 – FRANCE

www.biomnis.com