

LIST of ALFA Allergens

ALFA allergens for use in combination with ALFA Basis Set (single or 8-strips)

Panel 1 General screening
PIS Perennial inhalants fx5 food mix e1 Cat e5 Dog

Panel 2 Infant allergy
f2 Cow 's Milk f76 Alpha-Lactalbumin f77 Beta-Lactoglobulin f78 Casein f1 Egg white f68 Ovomuroid fx5 Food mix fx 3 Nut mix

Panel 3 Childhood allergy
d1 D. pteronyssinus d5 Blomia tropicalis e1 Cat e 5Dog i6 German cockroach f252 Egg f2 Milk f13 Peanut

Panel 4 Indoor allergy
d1 D. pteronyssinus d2 D. farinae d5 Blomia tropicalis e1 Cat e 5Dog i6 German cockroach i14 American cockroach mx1 Mould mix

Panel 5 Seasonal allergy (with possible exposure)
g001 Sweet Vernal Grass 黄花草 g002 Bermuda Grass 狗牙根 g004 Meadow fescue 草甸羊茅 g005 Perennial Rye Grass 黑麥草 g006 Timothy Grass 梯牧草 t003 Birch 白樺樹花粉 w001 Ambrosia elatior 豚草 w006 Mugwort 艾蒿

PIS: Der p, Der f, German cockroach, Aspergillus
f5x: cow's milk, cod fish, wheat, peanut, soy, hazelnut
f3x: walnut, hazelnut
mx1: Cladosporium, Aspergillus, Alternaria

Other ALFA allergens

Mite
d005 Blomia tropicalis 熱帶無爪蟎
d002 Dermatophagoides farinae 粉塵蟎
d004 Dermatophagoides Microceras 微角塵蟎
d001 Dermatophagoides pteronyssinus 屋塵蟎
d003 Euroglyphus maynei 梅氏嗜霉蟎
d070 Acarus siro 粗腳粉蟎

Weed Pollens
w015 Scale 龍鬚菜
w019 Parietaria judaica 猶太牆草
w020 Nettle 蕁麻
w021 Parietaria officinalis 牆草
w029 Sunflower 向日葵

Moulds
m001 Penicillium notatum 青霉菌
m002 Cladosporium herbarum 蠟葉芽枝黴
m003 Aspergillus fumigatus 煙曲霉
m004 Mucor racemosus 白色念珠菌
m005 Candida albicans 細鏈格泡
m006 Alternaria alternata 細鏈格泡
m008 Helminthosporium halodes 蟻孢霉
m033 Aspergillus niger 黑曲霉
m046 Saccharomyces ellipsoideus 葡萄汁酵母

Epithelia and Feathers
e001 Cat 貓毛
e005 Dog 狗毛
e010 Parrot 鸚鵡毛
e081 Sheep 羊毛
e082 Rabbit 兔毛
e085 Chicken 雞毛
e003 Horse (Dander) 馬毛
e004 Cow (Dander) 牛毛
e006 Guinea Pig (Hair) 豚鼠毛
e011 Pigeon (Feathers) 鴿子毛
e084 Goldhamster 倉鼠毛
e088 Mouse (Dander+Protein) 老鼠毛

Tree Pollens
t001 Maple 楓樹花粉
t002 Alder 杞木花粉
t003 Birch 白樺樹花粉
t004 Hazel 榛樹花粉
t005 Beech 樺木花粉
t007 Oak 櫟樹花粉
t009 Olive 橄欖樹花粉
t011 Plane 懸鈴木
t012 Willow 柳樹花粉
t014 Poplar 白楊花粉
t015 Ash 白腊樹花粉
t023 Cypress 柏樹花粉

Allergen mix
tx1 (t2, t3, t4)
tx2 (t9, t23)
tx4 (t1, t3, t5, t7, t11, t14)
gx1 (g3, g4, g5, g6, g8)
gx2 (g1, g5, g7, g12, g13)
mx1 (m2, m3, m6)
ex1 (e1, e5)
wx1 (w1, w6, w9)
wx2 (w1, w19, w21)
wx32 (w1, w6, w8, w9)
dx1 (d1, d2, d3, d4)
fx1 (f49, f73, f84)
fx2 (f85, f31)
fx3 (f16, f17)
fx5 (f1, f2, f3, f4, f13, f14, f17)

Insects
i001 Bee 蜜蜂
i003 Wasp 黃蜂
i006 German cockroach 德國蟑螂
i007 Hornet Venom 胡蜂
i071 Mosquito 蚊子
i014 American cockroach 美洲蟑螂

Grass Pollens
g001 Sweet Vernal Grass 黄花草
g002 Bermuda Grass 狗牙根
g003 Orchard Grass 雞腳草
g004 Meadow fescue 草甸羊茅
g005 Perennial Rye Grass 黑麥草
g006 Timothy Grass 梯牧草
g007 Common Reed 蘆葦
g008 June Grass 草地早熟禾
g011 Brome Grass 雀麥草
g012 Rye 黑麥
g013 Holcus lanatus (Velvet grass) 絨毛草
g020 Corn 玉蜀黍
g021 Couch Grass 茅草

Weed Pollens
w001 Ambrosia elatior 豚草
w006 Mugwort 艾蒿
w007 Ox Eye Daisy 牛眼菊
w008 Dandelion 蒲公英
w009 English Plantain 長葉車前草

Others
k082 Latex 乳膠
c001 CCD 交叉反应性碳水化合物决定因子

Food
Milk & Derivatives
f002 Cow 's Milk 牛奶
f076 Alpha-Lactalbumin Alpha 乳清蛋白
f077 Beta-Lactoglobulin Beta 乳清蛋白
f078 Casein 酪蛋白
f081 Cheddar Cheese 切達奶酪
f219 Goat 's milk 山羊奶

Egg & Fractions

f001 Egg White 蛋白
f067 Ovalbumin 卵清蛋白
f068 Ovomucoid 卵類黏蛋白
f075 Yolk 蛋黃
f252 Whole egg 雞蛋

Flour

f004 Wheat flour 麵粉
f005 Rye Flour 黑麥粉
f006 Barley flour 大麥
f007 Oat Flour 燕麥粉
f008 Corn Flour 玉米粉
f009 Rice 米
f011 Buckwheat Flour 小麥麩皮麵粉
f079 Gluten 麩質

Fruits

f029 Banana 香蕉
f030 Pear 梨
f032 Lemon 檸檬
f033 Orange 橙
f034 Tangerine 柑橘
f044 Strawberry 草莓
f049 Apple 蘋果
f050 Grape (white) 白葡萄
f053 Peach 桃
f073 Cherry 櫻桃
f084 Kiwi 奇異果
f091 Mango 芒果
f092 Grapefruit 葡萄柚
f122 Olive green 綠橄欖
f156 Raspberry 覆盆子
f248 Date 棗
f286 Kaki 柿子
f301 Grape (blue) 藍葡萄

Food
Seafood
f003 Cod Fish 鱈魚
f023 Crab 蟹
f024 Syrimp 蝦
f040 Tuna 吞拿魚
f041 Salmon 三文魚
f080 Lobster 龍蝦
f174 Mackerel 鯖魚

Meat

f026 Pork 豬肉
f027 Beef 牛肉
f083 Chicken meat 雞肉
f130 Turkey 火雞肉
f167 Rabbit 兔肉

Nuts & Seeds

f010 Sesame (bruised grain) 芝麻
f013 Peanut 花生
f016 Walnut 核桃
f017 Hazelnut 榛子
f020 Almond 杏仁
f052 Chocolate 巧克力
f144 Pistachio Nut 開心果
f158 Cashew Nut 腰果

Vegetable

f012 Pea 豌豆
f014 Soy 大豆
f015 White Bean 白豆
f025 Tomato 蕃茄
f031 Carrot 胡蘿蔔
f035 Potato 馬鈴薯
f039 Cabbage 捲心菜
f047 Garlic 大蒜
f048 Onion 洋蔥
f061 Cauliflower 椰菜花
f085 Cerleriac 芹菜
f134 Broccoli 西蘭花
f136 Beet Root 紅菜頭
f151 Zucchini 夏南瓜

Recombinant (R) and native (N) allergens
ND 11 ALFA Der p1 (Der. pt.)
ND 12 ALFA Der p2 (Der. pt.)
ND 21 ALFA Der f1 (Der. far.)
ND 22 ALFA Der f2 (Der. far.)
NF131 ALFA Ara h 1 (Peanut)
NF 132 ALFA Ara h 2 (Peanut)
NF 133 ALFA Ara h 3 (Peanut)
NF 136 ALFA Ara h 6 (Peanut)
RF 139 ALFA Ara h 9 (Peanut)
NF 024 ALFA Tropomyosin (Shrimp)
NW 101 ALFA Amb a 1 (Common Ragweed)
RE 11 ALFA Fel d1 (Cat)
RT401 ALFA Cor a 1 (Hazelnut)
RF 171 ALFA Cor a 1 (Hazelnut)
RF 178 ALFA Cor a 8 (Hazelnut)
NF 179 ALFA Cor a 9 (Hazelnut)
Rf 180 ALFA Cyp c1 (Carp)
RF 311 ALFA Dau c1 (Carrot)
RF 419 ALFA Tri a 19 (Wheat)
RF 441 ALFA Fra a 1 (Strawberry)
RF 443 ALFA Fra a 3 (Strawberry)
RF 491 ALFA Mal d1 (Apple)
RF 493 ALFA Mal d3 (Apple)
RF 531 ALFA Pru p 1 (Peach)
RF 533 ALFA Pru p 3 (Peach)
RF 534 ALFA Pru p 4 (Peach)
RG 601 ALFA Phl p1 (Timothy Grass)
RG 612 ALFA Phl p12 (Timothy Grass)
RG 605 ALFA Phl p5 (Timothy Grass)
RG 607 ALFA Phl p7 (Timothy Grass)
RG 620 ALFA Phl p1 and 5 (Timothy Grass)
RG 621 ALFA Phl p7 and 12 (Timothy Grass)
RI 101 ALFA Api m 1 (Bee Venom)
RI 102 ALFA Api m 2 (Bee Venom)
RI 305 ALFA Ves v 5 (Wasp Venom)
RK 825 ALFA Hev b5 (Latex)
RK 826 ALFA Hev b6 (Latex)
RK 827 ALFA Hev b7 (Latex)
RK 828 ALFA Hev b8 (Latex)
RT 301 ALFA Bet v1 (Birch)
RT 302 ALFA Bet v2 (Birch)
RT 304 ALFA Bet v4 (Birch)
RT 901 ALFA Ole e 1 (Olive)
RW 601 ALFA Art v1 (Artemisia vulgaris)