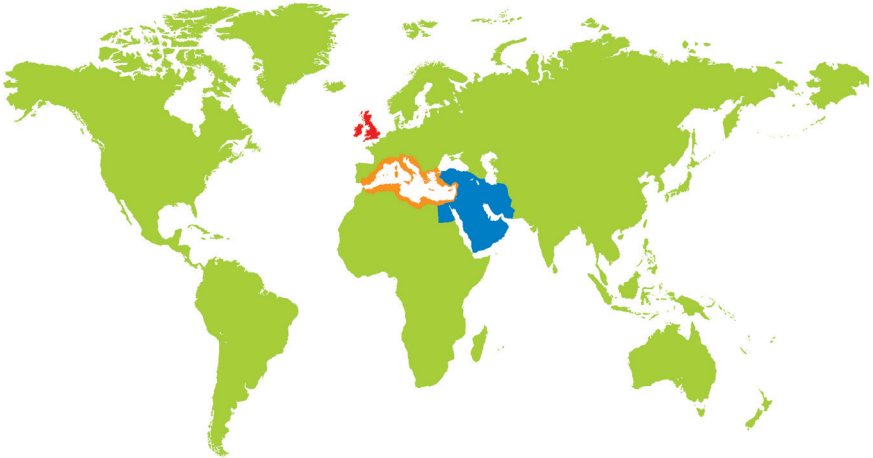




Allergy

Allergy, Asthma and Autoimmune diseases are increasing around the world, especially in industrialised countries and affect all ages. Since every country has their own dietary habits there are noteworthy differences in the allergens causing food allergy.



UK PROFILE

Total IgE plus:

Food Mix inc.

Cod, Cow's Milk, Egg White,
Soya Bean, Peanut, Wheat

Grass Mix inc.

Cocksfoot, Meadow Fescue,
Meadow, Rye, Timothy

Fish: Cod

Cat Dander
Cladosporium Herbarum
Dog Dander
House Dust Mite
Latex

TAT
2
DAYS



ALUK

B

MEDITERRANEAN PROFILE

Total IgE plus:

A. alternata

Cat Epithelium and Dander

Cow's Milk

Egg White

House Dust Mite

(Dermatophagoides
pteronyssinus and
Dermatophagoides farinae)

Olive

Peanut

Rye-grass

Timothy Grass

TAT
2
DAYS



ALMD

B

MIDDLE EAST PROFILE

Total IgE plus:

Food Mix inc.

Cod, Cow's Milk, Egg White,
Soya Bean, Peanut, Wheat

Fish: Cod

Dust Mix inc.

House Dust Mite,
Dermatophagoides pteronyssinus,
Dermatophagoides farinae,
Blatella germanica

TAT
2
DAYS



ALME

B

Allergy

TEST	CODE	SAMPLE REQS	TAT
Allergy – Individual Allergens See list on page 5	ALLE	B	2 days
Total IgE	IGE	B	1 day
Allergy Profile (Mediterranean)	ALMD	B	2 days
Allergy Profile (Middle East)	ALME	B	2 days
Allergy Profile (UK)	ALUK	B	2 days
Allergy Profile 1 (Food & Inhalants)	1A	B B	2 days
Allergy Profile 2 (Inhalants)	2A	B	2 days
Allergy Profile 3 (Food)	3A	B	2 days
Allergy Profile 4 (Nuts & Seeds)	4A	B	2 days
Allergy Profile 5 (Children’s Panel)	5A	B	2 days
Allergy Profile 6 (Shellfish)	6A	B	2 days
Allergy Profile 7 (Finfish)	7A	B	2 days
Allergy Profile 8 (Cereal – singles)	8A	B	2 days
Allergy Profile 9 (Antibiotics)	9A	B	2 days
Allergy Profile 10 (Insects)	10A	B	2 days
Allergy Profile 11 (Combined Shellfish/Finfish)	11A	B	2 days
Allergy Profile 12 (Milk & Milk Proteins)	12A	B	2 days
Allergy Profile 13 (Stone fruit/Rosaceae family)	13A	B	2 days
Eczema Provoking Profile	ALEC	B	2 days
Gluten Allergy Profile	GLUT	A B B	10 days
Rhinitis Provoking Profile	ALRN	B	2 days
Tryptase	STRY	B	2 days
Allergen Component Profiles See page 141			
Histamine Releasing Urticaria Test	CURT	B	10-14 days
ISAC Panel	ISAC	B	3 days
Prealbumin	PALB	B	3 days

ECZEMA PROVOKING PROFILE (9 Allergens)

Total IgE with individual IgE allergens for:

- Milk
- Peanut
- Soya Bean
- Wheat
- Cat Dander
- Egg White
- Egg Yolk
- Fish Mix
- Hazelnut
- House Dust Mite

TAT
2
DAYS

ALEC

B

RHINITIS PROVOKING PROFILE (10 Allergens)

Total IgE with individual IgE allergens for:

- Milk
- Nettle
- Peanut
- Timothy Grass
- Birch
- Cat Dander
- Dog Dander
- Egg White
- Egg Yolk
- House Dust Mite

TAT
2
DAYS

ALRN

B

GLUTEN ALLERGY PROFILE

Gluten single IgE Allergen
Endomysial Antibodies IgA
Deamidated Gliadin IgG
Antibodies
Tissue Transglutaminase IgA
HLA DQ2/DQ8
Total IgA

TAT
10
DAYS

GLUT

A B B

Allergy

IgE ALLERGY PROFILE 1 (Food and inhalants)

Total IgE with individual IgE allergens for:	Tree Mix, inc. Box Elder Common Silverbirch Hazel Oak London Plane Maple Sycamore
Grass Mix, inc. Cocksfoot Meadow Fescue Meadow Rye Timothy	Single Allergens (19) Beef Bermuda Grass Cat Dander Clam Common Silver Birch Cow's Milk Crab Dog Dander Egg White Egg Yolk Fish (Cod) Hazel Nut Horse Dander Latex Nettle Peanut Shrimp/Prawn Soya Bean Wheat
Weed Mix, inc. Common Ragweed Giant Ragweed Western Ragweed	
Dust Mix, inc. Blatella germanica Dermatophagoides pteronyssinus Dermatophagoides farinae Hollister-Stier Labs	
Mould Mix, inc. A. alternata Aspergillus fumigatus Candida albicans Cladosporium herbarum Helminthosporium halodes Penicillium notatum	

TAT
2
DAYS

1A

B B

IgE ALLERGY PROFILE 2 (Inhalants)

Total IgE with individual IgE allergens for:	Common Ragweed Derma farinae Dog Dander House Dust Mite Horse Dander Timothy Grass
---	---

TAT
2
DAYS

2A

B

IgE ALLERGY PROFILE 3 (Food)

Total IgE with individual IgE allergens for:	Egg Yolk Kiwi Peanut Sesame Soya Wheat
---	---

TAT
2
DAYS

3A

B

IgE ALLERGY PROFILE 4 (Nuts and Seeds)

Total IgE with individual IgE allergens for:	Pecan Pine Nut Pistachio Poppy Seed Pumpkin Seed Sesame Seed Sunflower Seed Walnut
---	---

TAT
2
DAYS

4A

B

IgE ALLERGY PROFILE 5 (Children's Panel)

Total IgE with individual IgE allergens for:	Mite, Pteronyssinus Peanut Soya Bean Timothy Grass Wheat Flour
---	--

TAT
2
DAYS

5A

B

IMMUNOCAP ISAC PANEL

Simultaneous measurement in a single test of specific antibodies to more than one hundred allergen components from more than 50 preselected allergen sources.

TAT
3
DAYS

ISAC

B

Allergy

IgE ALLERGY PROFILE 6 (Shellfish)

Total IgE with individual
IgE allergens for:

Lobster	Octopus
Clam	Prawns/Shrimp
Crab	Scallop
Crawfish/Crayfish	Squid

TAT
2
DAYS

6A

B

IgE ALLERGY PROFILE 7 (Finfish)

Total IgE with individual
IgE allergens for:

Sardine/Pilchard	Salmon
Codfish	Sole
Mackerel	Swordfish
Plaice	Tuna

TAT
2
DAYS

7A

B

IgE ALLERGY PROFILE 8 (Cereal – singles)

Total IgE with individual
IgE allergens for:

Barley
Oat
Rye
Wheat

TAT
2
DAYS

8A

B

IgE ALLERGY PROFILE 9 (Antibiotics)

Total IgE with individual
IgE allergens for:

Cefaclor
Pen G
Pen V

TAT
2
DAYS

9A

B

IgE ALLERGY PROFILE 10 (Insects)

Total IgE with individual
IgE allergens for:

Paper Wasp	Yellow Hornet
Common Wasp –	White Faced
Yellow Jacket	Hornet
Bee	

TAT
2
DAYS

10A

B

IgE ALLERGY PROFILE 11 (Combined Shellfish/Finfish)

Total IgE with individual
IgE allergens for:

Salmon
Scallop
Squid
Tuna
Cod
Prawn/Shrimp

TAT
2
DAYS

11A

B

IgE ALLERGY PROFILE 12 (Milk & Milk Proteins)

Total IgE with individual
IgE allergens for:

Alpha-lactalbumin – milk proteins	Cow's Milk
Beta-lactoglobulin – milk proteins	Goat's Milk
Casein – milk proteins	Mare's Milk
	Sheep's Milk
	Whey (cow and ewe)

TAT
2
DAYS

12A

B

IgE ALLERGY PROFILE 13 (Stone Fruit, Rosaceae family)

Total IgE with individual
IgE allergens for:

Cherry
Peach
Pear
Plum
Raspberry
Strawberry
Almond
Apple
Apricot

TAT
2
DAYS

13A

B

Allergy

Allergens, when requested individually are priced as single tests, sample 1 x **B** (up to 5 allergens).

Protein allergens are manufactured by Thermofisher (Phadia) and are IgE specific.

GRASS POLLENS

Bahia grass g17
Barley g201
Bermuda grass g2
Brome grass g11
Canary grass g71
Cocksfoot g3
Common reed g7
Cultivated oat g14
Cultivated rye g12
Cultivated wheat g15
Johnson grass g10
Maize, Corn g202
Meadow fescue g4
Meadow foxtail g16
Meadow grass,
 Kentucky blue g8
Redtop, Bentgrass g9
Rye-grass g5
Sweet vernal grass g1
Timothy grass g6
Velvet grass g13
Wild rye grass g70

WEED POLLENS

Alfalfa w45
Camomile w206
Careless weed w82
Cocklebur w13
Common pigweed w14
Common ragweed w1
Dandelion w8
Dog fennel w46
False ragweed w4
Firebush (Kochia) w17
Giant ragweed w3
Goldenrod w12
Goosefoot,
 Lamb's quarters w10
Japanese Hop w22
Lupin w207
Marguerite, Ox-eye daisy w7
Mugwort w6
Nettle w20
Parietaria officinalis w19
Parietaria judaica w21

Plantain (English), Ribwort w9
Rape w203
Rough marshelder w16
Saltwort (prickly),
 Russian thistle w11
Scale, Lenscale w15
Sheep sorrel w18
Sunflower w204
Wall pellitory w19
Wall pellitory w21
Western ragweed w2
Wormwood w5
Yellow dock w23

TREE POLLENS

Acacia t19
American beech t5
Australian pine t73
Bald cypress t37
Bayberry t56
Box-elder t1
Cedar t212
Cedar elm t45
Chestnut t206
Common silver birch t3
Cottonwood t14
Cypress t222
Date t214
Douglas fir t207
Elder t205
Elm t8
Eucalyptus, Gum-tree t18
European ash t25
Grey alder t2
Hackberry t44
Hazel t4
Horn beam t209
Horse chestnut t203
Italian/Mediterranean/
 Funeral cypress t23
Japanese cedar t17
Linden t208
Maple leaf sycamore,
 London plane t11
Melaleuca, Cajeput-tree t21
Mesquite t20

Mountain juniper t6
Mulberry t70
Oak t7
Oil Palm t223
Olive t9
Paloverde t219
Pecan, Hickory t22
Peppertree t217
Pine t213
Privet t210
Queen palm t72
Red cedar t57
Red mulberry t71
Scotch broom t55
Spruce t201
Sweet gum t211
Walnut t10
White ash t15
White hickory t41
White pine t16
Willow t12
Virginia live oak t218

MICROORGANISMS

Acremonium kiliense m202
Alternaria alternata m6
Aspergillus flavus m228
Aspergillus fumigatus m3
Aspergillus niger m207
Aspergillus terreus m36
Aureobasidium pullulans m12
Botrytis cinerea m7
Candida albicans m5
Chaetomium globosum m208
Cladosporium herbarum m2
Curvularia lunata m16
Epicoccum purpurascens m14
Fusarium proliferatum
 (*F. moniliforme*) m9
Setomelanomma rostrata
 (*Helminthosporium halodes*) m8
Malassezia spp. m227
Mucor racemosus m4
Penicillium chrysogenum
 (*P. notatum*) m1
Penicillium glabrum m209

Allergy

Phoma betae m13
Rhizopus nigricans m11
Staphylococcal enterotoxin A m80
Staphylococcal enterotoxin B m81
Staphylococcal enterotoxin C m223
Staphylococcal enterotoxin TSS1 m226
Stemphylium herbarum (*S. botryosum*) m10
Tilletia tritici m201
Trichoderma viride m15
Trichophyton mentagrophytes var. *goetzii* m210
Trichophyton mentagrophytes var. *interdigitale* m211
Trichophyton rubrum m205
Ulocladium chartarum m204

EPIDERMALS AND

ANIMAL PROTEINS

Budgerigar droppings e77
Budgerigar feathers e78
Camel dander u328
Canary bird droppings e200
Canary bird feathers e201
Cat dander e1
Chicken droppings e218
Chicken feathers e85
Chicken, serum proteins e219
Chinchilla epithelium e208
Cow dander e4
Deer epithelium e216
Dog dander e5
Duck feathers e86
Ferret epithelium e217
Finch feathers e214
Fox epithelium e210
Gerbil epithelium e209
Goat epithelium e80
Goose feathers e70
Guinea pig epithelium e6
Hamster epithelium e84
Horse dander e3
Mink epithelium e203
Mouse epithelium e71
Mouse epithelium, serum proteins and urine proteins e88
Mouse serum proteins e76

Mouse urine proteins e72
Parakeet droppings e197
Parakeet serum e198
Parrot feathers e213
Pigeon droppings e7
Pigeon feathers e215
Rabbit epithelium e82
Rabbit, serum proteins e206
Rabbit, urine proteins e211
Rat epithelium e73
Rat epithelium, serum proteins and urine proteins e87
Rat serum proteins e75
Rat urine proteins e74
Reindeer epithelium e202
Sheep epithelium e81
Swine epithelium e83
Turkey feathers e89

MITES

Acarus siro (Storage mite) d70
Blomia tropicalis (House dust mite) d201
Dermatophagoides farinae (House dust mite) d2
Dermatophagoides microceras (House dust mite) d3
Dermatophagoides pteronyssinus (House dust mite) d1
Euroglyphus maynei (House dust mite) d74
Glycyphagus domesticus (Storage mite) d73
Lepidoglyphus destructor (Storage mite) d71
Tyrophagus putrescentiae (Storage mite) d72

ALLERGEN COMPONENTS

See page <OT> for Component Testing and Component Allergen Profiles

HOUSE DUST

Greer Labs., Inc. h1
Hollister-Stier Labs. h2

INSECTS

Berlin beetle i76
Blood worm i73
Cockroach, American i206
Cockroach, German i6
Cockroach, Oriental i207
Fire ant i70
Grain weevil i202
Green nimitti i72
Horse fly i204
Mediterranean flour moth i203
Mosquito i71
Moth i8

VENOMS

Bumblebee i205
Common wasp (Yellow jacket) i3
European Paper Wasp i77
European hornet i75
Honey bee i1
Paper wasp i4
White-faced hornet i2
Yellow hornet i5

DRUGS

Amoxicilloyl c6
Ampicilloyl c5
Cefaclor c7
Chlorhexidine c8
Gelatin bovine c74
Insulin human c73
Penicilloyl G c1
Penicilloyl V c2
Pholcodine c261
Morphine c260
Suxamethonium (succinylcholine) c202

OCCUPATIONAL

Bougainvillea k214
Cotton seed k83
Ethylene oxide k78
Ficus k81
Formaldehyde/Formalin k80
Green coffee bean k70
Hexahydrophthalic anhydrid k209
Isocyanate HDI (Hexamethylene diisocyanate) k77
Isocyanate MDI (Diphenylmethane diisocyanate) k76

Allergy

Isocyanate TDI (Toluene diisocyanate) **k75**
Ispaghula **k72**
Latex **k82**
Methyltetrahydrophthalic anhydrid **k211**
Phthalic anhydride **k79**
Silk **k74**
Silk waste **k73**
Sunflower seed **k84**
Trimellitic anhydride, TMA **k86**

PARASITES

Anisakis **p4**
Ascaris **p1**
Echinococcus **p2**

MISCELLANEOUS

Cotton, crude fibers **o1**
Mealworm **o211**
MUXF3 CCD, Bromelain **o214**
Seminal fluid **o70**
Streptavidin **o212**

FOODS – FRUITS & VEGETABLES

Apple **f49**
Apricot **f237**
Asparagus **f261**
Aubergine, eggplant **f262**
Avocado **f96**
Bamboo shoot **f51**
Banana **f92**
Beetroot **f319**
Blackberry **f211**
Blueberry **f288**
Broccoli **f260**
Brussel sprouts **f217**
Cabbage **f216**
Carrot **f31**
Cauliflower **f291**
Celery **f85**
Cherry **f242**
Cucumber **f244**
Date **f289**
Fennel, fresh **f276**
Fig **f328**
Garlic **f47**
Grape **f259**
Grapefruit **f209**
Guava **f292**

Jack fruit **f318**
Jujube **f336**
Kiwi **f84**
Lemon **f208**
Lettuce **f215**
Lime **f306**
Mandarin (tangerine, clementine, satsumas) **f302**
Mango **f91**
Melon **f87**
Olive (black, fresh) **f342**
Onion **f48**
Orange **f33**
Papaya **f293**
Passion fruit **f294**
Peach **f95**
Pear **f94**
Persimon (kaki fruit, sharon) **f301**
Pineapple **f210**
Plum **f255**
Potato **f35**
Pumpkin **f225**
Raspberry **f343**
Red currant **f322**
Spinach **f214**
Strawberry **f44**
Sweet potato **f54**
Tomato **f25**
Watermelon **f329**

FOODS – SEED, LEGUMES & NUTS

Almond **f20**
Barley **f6**
Blue vetch **f310**
Brazil nut **f18**
Buckwheat **f11**
Cashew nut **f202**
Chick pea **f309**
Coconut **f36**
Common millet **f55**
Fenugreek **f305**
Foxtail millet **f56**
Gluten **f79**
Green bean **f315**
Hazel nut **f17**
Lentil **f235**
Lima bean **f182**
Linseed **f333**
Lupin seed **f335**

Macadamia nut **f345**
Maize, Corn **f8**
Oat **f7**
Pea **f12**
Peanut **f13**
Pecan nut **f201**
Pine nut, pignoles **f253**
Pistachio **f203**
Poppy seed **f224**
Pumpkin seed **f226**
Quinoa **f347**
Rape seed **f316**
Red kidney bean **f287**
Rice **f9**
Rye **f5**
Sesame seed **f10**
Soybean **f14**
Spelt wheat **f124**
Sugar-beet seed **f227**
Sweet chestnut **f299**
Walnut **f256**
Wheat **f4**
White bean **f15**

FOODS – SPICES

Allspice **f339**
Anise **f271**
Basil **f269**
Bay leaf **f278**
Black pepper **f280**
Caraway **f265**
Cardamon **f267**
Chilipepper **f279**
Clove **f268**
Coriander **f317**
Curry (Santa Maria) **f281**
Dill **f277**
Ginger **f270**
Green pepper (unripe seed) **f263**
Lovage **f275**
Mace **f266**
Marjoram **f274**
Mint **f332**
Mustard **f89**
Oregano **f283**
Paprika, Sweet pepper **f218**
Parsley **f86**
Tarragon **f272**
Thyme **f273**
Vanilla **f234**

Allergy

FOODS – FISH, SHELLFISH & MOLLUSCS

Abalone f346
Anchovy f313
Blue mussel f37
Cat fish f369
Chub mackerel f50
Clam f207
Crab f23
Crayfish f320
Eel f264
Fish (cod) f3
Grouper f410
Gulf flounder f147
Haddock f42
Hake f307
Halibut f303
Herring f205
Jack mackerel, Scad f60
Langust (spiny lobster) f304
Lobster f80
Mackerel f206
Megrin f311
Octopus f59
Orange roughy f412
Oyster f290
Pacific squid f58
Plaice f254
Pollock f413
Red snapper f381
Salmon f41
Sardine (Pilchard) f308
Sardine, Japanese Pilchard f61
Scallop f338
Shrimp f24
Snail f314
Sole f337
Squid f258
Swordfish f312
Tilapia f414
Trout f204
Tuna f40
Walleye pike f415
Whitefish (Inconnu) f384

FOODS – EGG & FOWL

Chicken f83
Egg f245
Egg white f1
Egg yolk f75
Turkey meat f284

FOODS – MEAT

Beef f27
Elk/moose meat f285
Mutton f88
Pork f26
Rabbit f213

FOODS – MILK

Cheese, cheddar type f81
Cheese, mold type f82
Cow's whey f236
Goat milk f300
Mare's milk f286
Milk f2
Milk, boiled f231
Sheep milk f325
Sheep whey f326

FOODS – ADDITIVES

Carob (E410) f296
Guar, guar gum (E412) f246
Gum arabic (E414) f297
Tragacanth (E413) f298
Cochineal extract
(Carmine red) (E120) f340

FOODS – MISCELLANEOUS

Cacao f93
Coffee f221
Honey f247
Hop (fruit cone) f324
Malt f90
Mushroom (champignon) f212
Tea f222
Yeast f45

Allergy

COMPONENT TESTING

Using ImmunoCAP Allergen Components can help refine the understanding of sensitisation, by assessing a person's sensitisation pattern at the molecular level. When used in conjunction with traditional extract-based IgE testing, these provide information at the individual component level. For more information, please contact the Immunology Department on 020 7025 7917.

TEST	CODE	SAMPLE REQS	TAT
Alpha Gal Components (related to red meat)	ZZ37	B	2 days
Alternaria Components	ZZ1	B	2 days
Apple Components	ZZ36	B	2 days
Aspergillus Components	ZZ2	B	2 days
Birch Components	ZZ3	B	2 days
Brazil Components	ZZ4	B	2 days
Cashew Components	ZZ35	B	2 days
Cat Components	ZZ5	B	2 days
Celery Components	ZZ6	B	2 days
Cow's Milk Components	ZZ7	B	2 days
Dog Components	ZZ8	B	2 days
Egg Components	ZZ9	B	2 days
Fish Components	ZZ10	B	2 days
Hazelnut Components	ZZ11	B	2 days
House Dust Mite Components	ZZ12	B	2 days
Kiwi Components	ZZ32	B	2 days
Latex Components	ZZ13	B	2 days
Olive Components	ZZ14	B	2 days
Peach Components	ZZ15	B	2 days
Peanut Components	ZZ16	B	2 days
Shrimp Components	ZZ17	B	2 days
Soybean Components	ZZ18	B	2 days
Timothy Grass Components	ZZ19	B	2 days
Venom Components	ZZ33	B	2 days
Wall Pellitory Components	ZZ20	B	2 days
Walnut Components	ZZ34	B	2 days
Wheat Components	ZZ21	B	2 days
PR-10 Proteins	ZZ22	B	2 days
Lipid Transfer Proteins	ZZ23	B	2 days
Profilins	ZZ24	B	2 days
Polcalcins	ZZ25	B	2 days
Seed Storage Proteins	ZZ26	B	2 days
Glycan Determinants	ZZ27	B	2 days
Lipocalins	ZZ28	B	2 days
Parvalbumins	ZZ29	B	2 days
Serum Albumins	ZZ30	B	2 days
Tropomyosins	ZZ31	B	2 days

* Please quote the ZZ Code when requesting Allergen Component Profiles.

