



Behind every allergy specimen
is a lab that gets it

The gold standard ImmunoCAP® Specific IgE Blood Test
from Quest Diagnostics. **We know allergy.**



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Multiple test codes are available. Refer to the Quest Diagnostics Nichols Institute Directory of Services or the online Test Center (QuestDiagnostics.com) for test information.



Allergy Evaluations

Individual Allergens

Specimen Requirements: 0.8 mL serum for 1-4 allergens tested; at least 1.5 mL serum for each 5-10 allergens tested.

Interpretation of Allergen-specific IgE Results

Specific IgE Class	kU/L	Level of Allergen-Specific IgE Antibody
0	<0.10	Absent/undetectable
0/1	0.10 – 0.34	Very low level
1	0.35 – 0.69	Low level
2	0.70 – 3.49	Moderate level
3	3.50 – 17.4	High level
4	17.5 – 49.9	Very high level
5	50 – 100	Very high level
6	>100	Very high level

All allergens may be ordered individually. The tables below include the allergen name, ImmunoCAP® (Phadia*) code, and the test order code. Each table includes 2 charts. Allergens are listed alphabetically in the chart on the left and by Phadia code in the chart on the right.

*Please note that Phadia is now known as Thermo Fisher ImmunoDiagnostics.

Table 1: Animal Allergens

Table 1a – Alphabetical by Allergen

Animal	Phadia Code	Test Code
Cat dander	e1	2601
Chicken feathers	e85	2651
Cow dander	e4	2604
Dog dander	e5	2605
Duck feathers	e86	2664
Goat epithelia	e80	2656
Goose feathers	e70	2661
Guinea pig epithelia	e6	2606
Hamster epithelia	e84	2652
Horse dander	e3	2603
Mouse epithelia	e71	2657
Mouse serum proteins	e76	6744
Mouse urine proteins	e72	2658
Parrot/Parakeet droppings	e77	2663
Parrot/Parakeet serum proteins	e79	2679
Pigeon droppings	e7	2607
Rabbit epithelia	e82	2654
Rat	e87	2538
Rat epithelia	e73	2659
Rat serum proteins	e75	6778
Rat urine proteins	e74	2660
Sheep epithelia	e81	2655
Swine epithelia	e83	2653

Table 1b – By Phadia Code

Phadia Code	Animal	Test Code
e1	Cat dander	2601
e3	Horse dander	2603
e4	Cow dander	2604
e5	Dog dander	2605
e6	Guinea pig epithelia	2606
e7	Pigeon droppings	2607
e70	Goose feathers	2661
e71	Mouse epithelia	2657
e72	Mouse urine proteins	2658
e73	Rat epithelia	2659
e74	Rat urine proteins	2660
e75	Rat serum proteins	6778
e76	Mouse serum proteins	6744
e77	Parrot/Parakeet droppings	2663
e79	Parrot/Parakeet serum proteins	2679
e80	Goat epithelia	2656
e81	Sheep epithelia	2655
e82	Rabbit epithelia	2654
e83	Swine epithelia	2653
e84	Hamster epithelia	2652
e85	Chicken feathers	2651
e86	Duck feathers	2664
e87	Rat	2538

Table 2: Biologics and Occupational Allergens

Table 2a – Alphabetical by Allergen

Biologics and Occupational	Phadia Code	Test Code
Castor bean	k71	2751
Cotton seed	k83	23862
Green coffee bean	k70	2752
Insulin, bovine	c71	2755
Insulin, human	c73	2760
Insulin, porcine	c70	2754
Ispaghula (Psyllium)	k72	2753
Latex	k82	8927
Silk	k74	2758
Sunflower seed	k84	23864
Wild silk	k73	2757

Table 2b – By Phadia Code

Phadia Code	Biologics and Occupational	Test Code
c70	Insulin, porcine	2754
c71	Insulin, bovine	2755
c73	Insulin, human	2760
k70	Green coffee bean	2752
k71	Castor bean	2751
k72	Ispaghula (Psyllium)	2753
k73	Wild silk	2757
k74	Silk	2758
k82	Latex	8927
k83	Cotton seed	23862
k84	Sunflower seed	23864

Table 3: Food Allergens

Table 3a – Alphabetical by Allergen

Food	Phadia Code	Test Code
Almond	f20	2820
Alpha-lactalbumin	f76	2851
Apple	f49	2849
Apricot	f237	2563
Asparagus	f261	2626
Avocado	f96	8928
Banana	f92	8926
Barley	f6	2806
Basil	f269	2564
Beef	f27	2827
Beta-lactoglobulin	f77	2852
Black pepper	f280	2561
Blackberry	f211	2630
Blue mussel	f37	2837
Blueberry	f288	2568
Brazil nut	f18	2818
Brazil nut w/reflexes	f18	94464
Broccoli	f260	2631
Buckwheat	f11	2811
Cabbage	f216	2632
Carrot	f31	2831
Casein	f78	2853
Cashew	f202	2608
Cashew nut w/reflexes	f202	94465
Cauliflower	f291	2635
Celery	f85	2860

Table 3b – By Phadia Code

Phadia Code	Food	Test Code
f1	Egg white	2801
f2	Milk	2802
f3	Codfish	2803
f4	Wheat	2804
f5	Rye	2805
f6	Barley	2806
f7	Oat	2807
f8	Corn	2808
f9	Rice	2809
f10	Sesame seed	2810
f11	Buckwheat	2811
f12	Pea	2812
f13	Peanut	2813
f14	Soybean	2814
f15	White bean	2815
f17	Hazelnut	2817
f17	Hazelnut w/ reflexes	94468
f18	Brazil nut	2818
f18	Brazil nut w/reflexes	94464
f20	Almond	2820
f23	Crab	2823
f24	Shrimp	2824
f25	Tomato	2825
f26	Pork	2826
f27	Beef	2827
f31	Carrot	2831

Table 3: Food Allergens (continued)

Table 3a – Alphabetical by Allergen

Food	Phadia Code	Test Code
Cheddar cheese	f81	2858
Cheese, mold type	f82	2859
Cherry	f242	2609
Chestnut	f299	2636
Chicken meat	f83	2857
Chili pepper	f279	2610
Cinnamon	f220	2637
Clam	f207	8929
Cocoa	f93	2875
Coconut	f36	2836
Codfish	f3	2803
Coffee	f221	2915
Corn	f8	2808
Crab	f23	2823
Cucumber	f244	2639
Egg mix	f245	2919
Egg white	f1	2801
Egg yolk	f75	2856
Eggplant	f262	2642
Flounder	f147	23893
Garlic	f47	2847
Ginger	f270	2644
Gluten	f79	2854
Goat milk	f300	2922
Grape	f259	2675
Grapefruit	f209	2923
Green bean	f315	2680
Green pepper	f263	2931
Grouper	f410	11009
Halibut	f303	2998
Hazelnut	f17	2817
Hazelnut w/ reflexes	f17	94468
Honey	f247	8930
Japanese Millet IgE	f57	2621
Kiwi fruit	f84	2884
Lamb	f88	2888
Lemon	f208	2708
Lentils	f235	3010
Lettuce	f215	2862
Lime	f306	2709
Lobster	f80	2855
Macadamia nut	f345	38475

Table 3b – By Phadia Code

Phadia Code	Food	Test Code
f33	Orange	2833
f35	Potato	2835
f36	Coconut	2836
f37	Blue mussel	2837
f40	Tuna	2840
f41	Salmon	2841
f44	Strawberry	2844
f45	Yeast	2845
f47	Garlic	2847
f48	Onion	2848
f49	Apple	2849
f54	Sweet potato	2555
f57	Japanese Millet IgE	2621
f75	Egg yolk	2856
f76	Alpha-lactalbumin	2851
f77	Beta-lactoglobulin	2852
f78	Casein	2853
f79	Gluten	2854
f80	Lobster	2855
f81	Cheddar cheese	2858
f82	Cheese, mold type	2859
f83	Chicken meat	2857
f84	Kiwi fruit	2884
f85	Celery	2860
f86	Parsley	2861
f87	Melons	2887
f88	Lamb	2888
f89	Mustard	2889
f90	Malt	2863
f91	Mango fruit	23860
f92	Banana	8926
f93	Cocoa	2875
f94	Pear	8884
f95	Peach	8405
f96	Avocado	8928
f147	Flounder	23893
f201	Pecan	2864
f202	Cashew	2608
f202	Cashew nut w/reflexes	94465
f203	Pistachio	2726
f204	Trout	3063
f206	Mackerel	2713

Table 3: Food Allergens (continued)

Table 3a – Alphabetical by Allergen

Food	Phadia Code	Test Code
Mackerel	f206	2713
Malt	f90	2863
Mandarin	f302	2714
Mango fruit	f91	23860
Melons	f87	2887
Milk	f2	2802
Milk, boiled	f231	3044
Mushroom	f212	8931
Mustard	f89	2889
Nutmeg	f282	2718
Oat	f7	2807
Onion	f48	2848
Orange	f33	2833
Oregano	f283	3045
Ovalbumin	f232	2719
Ovomucoid	f233	3046
Oyster	f290	8932
Papaya	f293	2720
Paprika	f218	3047
Parsley	f86	2861
Passion fruit	f294	2724
Pea	f12	2812
Peach	f95	8405
Peanut	f13	2813
Pear	f94	8884
Pecan	f201	2864
Pine nut	f253	2725
Pineapple	f210	3048
Pistachio	f203	2726
Plum	f255	2728
Poppy seed	f224	3050
Pork	f26	2826
Potato	f35	2835
Pumpkin Seed IgE	f226	2729
Rabbit	f213	2730
Rice	f9	2809
Rye	f5	2805
Salmon	f41	2841
Scallop	f338	273
Sesame seed	f10	2810
Shrimp	f24	2824
Sole	f337	38243

Table 3b – By Phadia Code

Phadia Code	Food	Test Code
f207	Clam	8929
f208	Lemon	2708
f209	Grapefruit	2923
f210	Pineapple	3048
f211	Blackberry	2630
f212	Mushroom	8931
f213	Rabbit	2730
f214	Spinach	3054
f215	Lettuce	2862
f216	Cabbage	2632
f218	Paprika	3047
f220	Cinnamon	2637
f221	Coffee	2915
f222	Tea	6805
f224	Poppy seed	3050
f226	Pumpkin Seed IgE	2729
f231	Milk, boiled	3044
f232	Ovalbumin	2719
f233	Ovomucoid	3046
f234	Vanilla	3244
f235	Lentils	3010
f237	Apricot	2563
f242	Cherry	2609
f244	Cucumber	2639
f245	Egg mix	2919
f247	Honey	8930
f253	Pine nut	2725
f255	Plum	2728
f256	Walnut	3489
f256	Walnut w/ reflexes	94467
f258	Squid	2745
f259	Grape	2675
f260	Broccoli	2631
f261	Asparagus	2626
f262	Eggplant	2642
f263	Green pepper	2931
f269	Basil	2564
f270	Ginger	2644
f279	Chili pepper	2610
f280	Black pepper	2561
f282	Nutmeg	2718
f283	Oregano	3045

Table 3: Food Allergens (continued)

Table 3a – Alphabetical by Allergen

Food	Phadia Code	Test Code
Soybean	f14	2814
Spinach	f214	3054
Squid	f258	2745
Strawberry	f44	2844
Sweet potato	f54	2555
Swordfish	f312	3055
Tea	f222	6805
Tomato	f25	2825
Trout	f204	3063
Tuna	f40	2840
Vanilla	f234	3244
Walnut	f256	3489
Walnut w/ reflexes	f256	94467
Wheat	f4	2804
White bean	f15	2815
Yeast	f45	2845

Table 3b – By Phadia Code

Phadia Code	Food	Test Code
f288	Blueberry	2568
f290	Oyster	8932
f291	Cauliflower	2635
f293	Papaya	2720
f294	Passion fruit	2724
f299	Chestnut	2636
f300	Goat milk	2922
f302	Mandarin	2714
f303	Halibut	2998
f306	Lime	2709
f312	Swordfish	3055
f315	Green bean	2680
f337	Sole	38243
f338	Scallop	273
f345	Macadamia nut	38475
f410	Grouper	11009

Table 4: Grass Allergens

Table 4a – Alphabetical by Allergen

Grass	Phadia Code	Test Code
Bahia grass (<i>Paspalum notatum</i>)	g17	2317
Bermuda grass (<i>Cynodon dactylon</i>)	g2	2302
Brome grass (<i>Bromus inermis</i>)	g11	2311
Canary grass (<i>Phalaris canariensis</i>)	g71	2371
Common reed (<i>Phragmites communis</i>)	g7	2307
Corn grass	g202	3490
Cultivated oat pollen (<i>Avena sativa</i>)	g14	2314
Cultivated rye grass (<i>Secale cereale</i>)	g12	2312
Cultivated wheat pollen (<i>Triticum sativa</i>)	g15	2315
Johnson grass (<i>Sorghum halepense</i>)	g10	2310
June grass (Kentucky Blue) (<i>Poa pratensis</i>)	g8	2308
Meadow fescue (<i>Festuca elatior</i>)	g4	2304
Meadow foxtail (<i>Alopecurus pratensis</i>)	g16	2316
Orchard grass (cocksfoot) (<i>Dactylis glomerata</i>)	g3	2303
Perennial rye grass (<i>Lolium perenne</i>)	g5	2305
Red top grass (Bent grass) (<i>Agrostis alba</i>)	g9	2309
Salt grass (<i>Distichlis species</i>)	g203	2350
Sweet vernal grass (<i>Anthoxanthum odoratum</i>)	g1	2301
Timothy grass (<i>Phleum pratense</i>)	g6	2306
Velvet grass (<i>Holcus lanatus</i>)	g13	2313
Wild rye (<i>Secale species</i>)	g70	2370

Table 4b – By Phadia Code

Phadia Code	Grass	Test Code
g1	Sweet vernal grass (<i>Anthoxanthum odoratum</i>)	2301
g2	Bermuda grass (<i>Cynodon dactylon</i>)	2302
g3	Orchard grass (cocksfoot) (<i>Dactylis glomerata</i>)	2303
g4	Meadow fescue (<i>Festuca elatior</i>)	2304
g5	Perennial rye grass (<i>Lolium perenne</i>)	2305
g6	Timothy grass (<i>Phleum pratense</i>)	2306
g7	Common reed (<i>Phragmites communis</i>)	2307
g8	June grass (Kentucky Blue) (<i>Poa pratensis</i>)	2308
g9	Red top grass (Bent grass) (<i>Agrostis alba</i>)	2309
g10	Johnson grass (<i>Sorghum halepense</i>)	2310
g11	Brome grass (<i>Bromus inermis</i>)	2311
g12	Cultivated rye grass (<i>Secale cereale</i>)	2312
g13	Velvet grass (<i>Holcus lanatus</i>)	2313
g14	Cultivated oat pollen (<i>Avena sativa</i>)	2314
g15	Cultivated wheat pollen (<i>Triticum sativa</i>)	2315
g16	Meadow foxtail (<i>Alopecurus pratensis</i>)	2316
g17	Bahia grass (<i>Paspalum notatum</i>)	2317
g70	Wild rye (<i>Secale species</i>)	2370
g71	Canary grass (<i>Phalaris canariensis</i>)	2371
g202	Corn grass	3490
g203	Salt grass (<i>Distichlis species</i>)	2350

Table 5: House Dust Allergens

Table 5a – Alphabetical by Allergen

House Dust	Phadia Code	Test Code
House dust (Greer)	h1	2711
House dust (Hollister-Stier)	h2	2712

Table 5b – By Phadia Code

Phadia Code	House Dust	Test Code
h1	House dust (Greer)	2711
h2	House dust (Hollister-Stier)	2712

Table 6: House Dust and Storage Mite Allergens

Table 6a – Alphabetical by Allergen

House Dust and Storage Mite Allergens	Phadia Code	Test Code
<i>Blomia tropicalis</i>	d201	3299
<i>Dermatophagoides farinae</i>	d2	2722
<i>Dermatophagoides pteronyssinus</i>	d1	2721
<i>Glycyphagus domesticus</i> (Storage mite)	d73	2727
<i>Lepidoglyphus destructor</i> (Storage mite)	d71	2723

Table 6b – By Phadia Code

Phadia Code	House Dust and Storage Mite Allergens	Test Code
d1	<i>Dermatophagoides pteronyssinus</i>	2721
d2	<i>Dermatophagoides farinae</i>	2722
d71	<i>Lepidoglyphus destructor</i> (Storage mite)	2723
d73	<i>Glycyphagus domesticus</i> (Storage mite)	2727
d201	<i>Blomia tropicalis</i>	3299

Table 7: Insect and Venom Allergens

Table 7a – Alphabetical by Allergen

Insect and Venom	Phadia Code	Test Code
Blood worm	i73	2738
Cockroach	i6	2736
Cockroach, American	i206	37454
Fire ant	i70	2739
Green nimitti midge	i72	2737
Honey bee	i1	2731
Mosquito	i71	2740
Paper wasp	i4	2734
White-faced hornet	i2	2732
Yellow hornet	i5	2735
Yellow jacket	i3	2733

Table 7b – By Phadia Code

Phadia Code	Insect and Venom	Test Code
i1	Honey bee	2731
i2	White-faced hornet	2732
i3	Yellow jacket	2733
i4	Paper wasp	2734
i5	Yellow hornet	2735
i6	Cockroach	2736
i70	Fire ant	2739
i71	Mosquito	2740
i72	Green nimitti midge	2737
i73	Blood worm	2738
i206	Cockroach, American	37454

Table 8: Mold Allergens

Table 8a – Alphabetical by Allergen

Mold	Phadia Code	Test Code
<i>Alternaria alternata</i>	m6	2706
<i>Aspergillus fumigatus</i>	m3	2703
<i>Aureobasidium pullulans</i> (Pullularia)	m12	6634
<i>Botrytis cinerea</i>	m7	6647
<i>Candida albicans</i>	m5	2705
<i>Cephalosporium acremonium</i>	m202	3301
<i>Chaetomium globosum</i>	m208	3415
<i>Cladosporium herbarum</i> (Hormodendrum)	m2	2702
<i>Curvularia lunata</i>	m16	6680
<i>Epicoccum purpurascens</i>	m14	6692
<i>Fusarium proliferatum</i> (<i>Fusarium moniliforme</i>)	m9	6696
<i>Mucor racemosus</i>	m4	2704
<i>Pityrosporum orbiculare</i>	m70	3403
<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	m1	2701
<i>Phoma betae</i>	m13	6770
<i>Rhizopus nigricans</i>	m11	6781
<i>Setomelanomma rostrata</i> (<i>Helminthosporium halodes</i>)	m8	6711
<i>Stemphylium herbarum</i> (<i>Stemphylium botryosum</i>)	m10	6799
<i>Trichophyton rubrum</i>	m205	3406
<i>Trichoderma viride</i>	m15	6809

Table 8b – By Phadia Code

Phadia Code	Mold	Test Code
m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	2701
m2	<i>Cladosporium herbarum</i> (Hormodendrum)	2702
m3	<i>Aspergillus fumigatus</i>	2703
m4	<i>Mucor racemosus</i>	2704
m5	<i>Candida albicans</i>	2705
m6	<i>Alternaria alternata</i>	2706
m7	<i>Botrytis cinerea</i>	6647
m8	<i>Setomelanomma rostrata</i> (<i>Helminthosporium halodes</i>)	6711
m9	<i>Fusarium proliferatum</i> (<i>Fusarium moniliforme</i>)	6696
m10	<i>Stemphylium herbarum</i> (<i>Stemphylium botryosum</i>)	6799
m11	<i>Rhizopus nigricans</i>	6781
m12	<i>Aureobasidium pullulans</i> (Pullularia)	6634
m13	<i>Phoma betae</i>	6770
m14	<i>Epicoccum purpurascens</i>	6692
m15	<i>Trichoderma viride</i>	6809
m16	<i>Curvularia lunata</i>	6680
m70	<i>Pityrosporum orbiculare</i>	3403
m202	<i>Cephalosporium acremonium</i>	3301
m205	<i>Trichophyton rubrum</i>	3406
m208	<i>Chaetomium globosum</i>	3415

Table 9: Tree Allergens

Table 9a – Alphabetical by Allergen

Tree	Phadia Code	Test Code
Acacia (<i>Acacia</i> species)	t19	2519
Alder (<i>Alnus incana</i>)	t2	2502
Australian pine (<i>Casuarina equisetifolia</i>)	t73	2554
Beech (<i>Fagus grandifolia</i>)	t5	2505
Birch (<i>Betula verrucosa</i>)	t3	2503
Cottonwood (<i>Populus deltoides</i>)	t14	2514
Elm (<i>Ulmus americana</i>)	t8	2508
Eucalyptus (<i>Eucalyptus</i> species)	t18	2518
Hazelnut (<i>Corylus avellana</i>)	t4	2504
Italian cypress (<i>Cupressus sempervirens</i>)	t23	2523
Maple (box elder; <i>Acer negundo</i>)	t1	2501
Melaleuca (<i>Melaleuca</i> species)	t21	2521
Mesquite (<i>Prosopis juliflora</i>)	t20	2520
Mountain cedar (<i>Juniperus sabinoides</i>)	t6	2506
Oak (<i>Quercus alba</i>)	t7	2507
Olive (<i>Olea europa</i>)	t9	2509
Pecan/Hickory (<i>Carya</i> species, pecan)	t22	2522
Privet	t210	3326
Queen palm (<i>Arecastrum romanzoffianum</i>)	t72	2556
Sycamore (<i>Plantanus acerfolia</i>)	t11	2511
Walnut (<i>Juglans californica</i>)	t10	2510
White ash (<i>Fraxinus americana</i>)	t15	2515
White mulberry (<i>Morus</i> species)	t70	2570
White pine (<i>Pinus strobus</i>)	t16	2516
Willow (<i>Salix nigra</i>)	t12	2512
White mulberry (<i>Morus</i> species)	t70	2570
White pine (<i>Pinus strobus</i>)	t16	2516
Willow (<i>Salix nigra</i>)	t12	2512

Table 9b – By Phadia Code

Phadia Code	Tree	Test Code
t1	Maple (box elder; <i>Acer negundo</i>)	2501
t2	Alder (<i>Alnus incana</i>)	2502
t3	Birch (<i>Betula verrucosa</i>)	2503
t4	Hazelnut (<i>Corylus avellana</i>)	2504
t5	Beech (<i>Fagus grandifolia</i>)	2505
t6	Mountain cedar (<i>Juniperus sabinoides</i>)	2506
t7	Oak (<i>Quercus alba</i>)	2507
t8	Elm (<i>Ulmus americana</i>)	2508
t9	Olive (<i>Olea europa</i>)	2509
t10	Walnut (<i>Juglans californica</i>)	2510
t11	Sycamore (<i>Plantanus acerfolia</i>)	2511
t12	Willow (<i>Salix nigra</i>)	2512
t14	Cottonwood (<i>Populus deltoides</i>)	2514
t15	White ash (<i>Fraxinus americana</i>)	2515
t16	White pine (<i>Pinus strobus</i>)	2516
t18	Eucalyptus (<i>Eucalyptus</i> species)	2518
t19	Acacia (<i>Acacia</i> species)	2519
t20	Mesquite (<i>Prosopis juliflora</i>)	2520
t21	Melaleuca (<i>Melaleuca</i> species)	2521
t22	Pecan/Hickory (<i>Carya</i> species, pecan)	2522
t23	Italian cypress (<i>Cupressus sempervirens</i>)	2523
t70	White mulberry (<i>Morus</i> species)	2570
t72	Queen palm (<i>Arecastrum romanzoffianum</i>)	2556
t73	Australian pine (<i>Casuarina equisetifolia</i>)	2554
t72	Queen palm (<i>Arecastrum romanzoffianum</i>)	2556
t73	Australian pine (<i>Casuarina equisetifolia</i>)	2554
t210	Privet	3326

Table 10: Weed Allergens

Table 10a – Alphabetical by Allergen

Weed	Phadia Code	Test Code
Cocklebur (<i>Xanthium pensylvanicum</i>)	w13	2413
Common ragweed (short) (<i>Ambrosia elatior</i>)	w1	2401
Dandelion (<i>Taraxacum vulgare</i>)	w8	2408
English plantain (<i>Plantago lanceolata</i>)	w9	2409
False ragweed (<i>Franseria acanthicarpa</i>)	w4	2404
Firebush (<i>Kochia scoparia</i>)	w17	2417
Giant ragweed (tall) (<i>Ambrosia trifida</i>)	w3	2403
Goldenrod (<i>Solidago virgaurea</i>)	w12	2412
Lamb's quarters (goosefoot; <i>Chenopodium album</i>)	w10	2410
Mugwort (sagebrush) (<i>Artemisia vulgaris</i>)	w6	2406
Nettle (<i>Urtria dioica</i>)	w20	2420
Oxeye daisy (<i>Chrysanthemum leucanthemum</i>)	w7	2407
Rough marsh elder (<i>Iva</i>)	w16	2416
Rough pigweed (<i>Amaranthus retroflexus</i>)	w14	2414
Russian thistle (prickly saltwort; <i>Salsola kali</i>)	w11	2411
Scale (<i>Atriplex</i>)	w15	2415
Sheep sorrel (dock; <i>Rumex acetosella</i>)	w18	2418
Wall pellitory	w19	3436
Western ragweed (<i>Ambrosia psilostachya</i>)	w2	2402
Wormwood (sagebrush) (<i>Artemisia absinthium</i>)	w5	2405

Table 10b – By Phadia Code

Phadia Code	Weed	Test Code
w1	Common ragweed (short; <i>Ambrosia elatior</i>)	2401
w2	Western ragweed (<i>Ambrosia psilostachya</i>)	2402
w3	Giant ragweed (tall; <i>Ambrosia trifida</i>)	2403
w4	False ragweed (<i>Franseria acanthicarpa</i>)	2404
w5	Wormwood (sagebrush; <i>Artemisia absinthium</i>)	2405
w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	2406
w7	Oxeye daisy (<i>Chrysanthemum leucanthemum</i>)	2407
w8	Dandelion (<i>Taraxacum vulgare</i>)	2408
w9	English plantain (<i>Plantago lanceolata</i>)	2409
w10	Lamb's quarters (goosefoot; <i>Chenopodium album</i>)	2410
w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)	2411
w12	Goldenrod (<i>Solidago virgaurea</i>)	2412
w13	Cocklebur (<i>Xanthium pensylvanicum</i>)	2413
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)	2414
w15	Scale (<i>Atriplex</i>)	2415
w16	Rough marsh elder (<i>Iva</i>)	2416
w17	Firebush (<i>Kochia scoparia</i>)	2417
w18	Sheep sorrel (dock; <i>Rumex acetosella</i>)	2418
w19	Wall pellitory	3436
w20	Nettle (<i>Urtria dioica</i>)	2420

Table 11: Other Allergens

Table 11a – Alphabetical by Allergen

Other	Phadia Code	Test Code
Ascaris	p1	2741
Seminal fluid	o70	2770

Table 11b – By Phadia Code

Phadia Code	Other	Test Code
o70	Seminal fluid	2770
p1	Ascaris	2741

Allergy Profiles for Inhalant and Food Allergens

A total of 19 regional allergy profiles have been developed based upon the regional prevalence of allergens, taking into account the relative abundance and antigenicity for each seasonal allergen. Each profile consists of a total IgE measurement; 14 to 21 of the most prevalent tree, grass, and weed allergens specific to the region; and the most prevalent allergens common to all regions.

Testing is performed using the Phadia ImmunoCAP® Specific IgE blood test, which utilizes a fluoroenzyme immunoassay (non-RAST®) method that is more accurate than RAST. This results in a high degree of diagnostic efficacy for the detection of individuals with inhalant and food allergen atopy. Submission requirements: 2 mL serum in a plastic vial.

For additional information, refer to the Respiratory Allergy Profile test highlight in our online Test Center at [QuestDiagnostics.com/TestCenter/TestGuide.Action?dc=TH_Respiratory_Allergy](https://www.questdiagnostics.com/TestCenter/TestGuide.Action?dc=TH_Respiratory_Allergy).

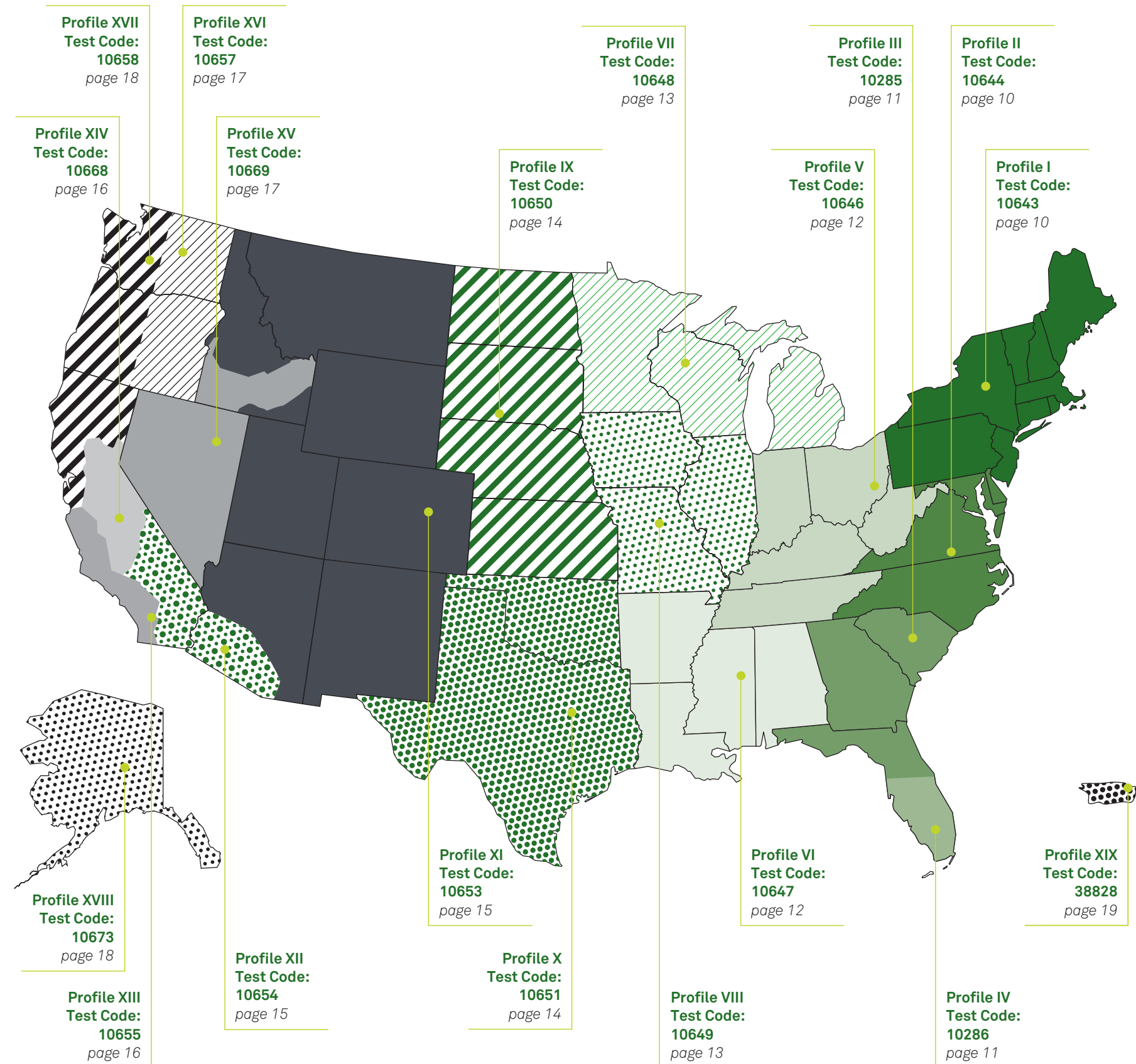


Table 12: Regional Respiratory Allergy Profiles



	Phadia Code	Allergen	Test Code
Profile I: CT, MA, ME, NH, NJ, NY, PA, RI, VT			
	d1	<i>Dermatophagoides pteronyssinus</i>	10643
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i>	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t3	Birch (<i>Betula verrucosa</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t10	Walnut (<i>Juglans californica</i>)	
	t11	Maple Leaf sycamore, London Plane	
	t14	Cottonwood (<i>Populus deltoids</i>)	
	t15	White ash (<i>Fraxinus americana</i>)	
	t70	Mulberry	
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)	
	w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	
	w14	Rough pigweed (<i>Amaranthus retroflexus</i>)	
	w18	Sheep sorrel (<i>Rumex acetosella</i>)	
	TlgE	Total IgE	
Profile II: DC, DE, MD, NC, VA			
	d1	<i>Dermatophagoides pteronyssinus</i>	10644
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	g10	Johnson grass (<i>Sorghum halepense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i>	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t3	Birch (<i>Betula verrucosa</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t14	Cottonwood (<i>Populus deltoids</i>)	
	t22	Pecan/Hickory (<i>Carya</i> species, pecan)	
	t70	Mulberry	
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)	
	w14	Rough pigweed (<i>Amaranthus retroflexus</i>)	
	w18	Sheep sorrel (<i>Rumex acetosella</i>)	
	TlgE	Total IgE	

Table 12: Regional Respiratory Allergy Profiles (continued)

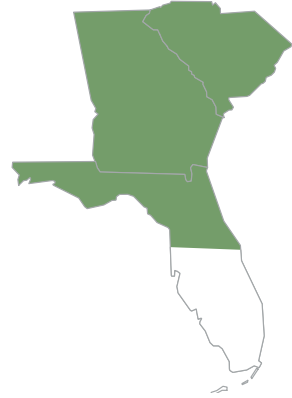
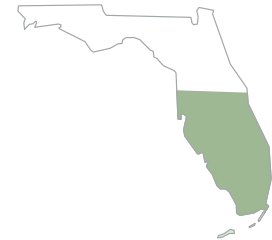
	Phadia Code	Allergen	Test Code		
Profile III: GA, northern FL, SC					
	d1	<i>Dermatophagoides pteronyssinus</i>	10285		
	d2	<i>Dermatophagoides farinae</i>			
	e1	Cat dander			
	e5	Dog dander			
	e72	Mouse urine			
	g2	Bermuda grass (<i>Cynodon dactylon</i>)			
	g6	Timothy grass (<i>Phleum pratense</i>)			
	g17	Bahia grass (<i>Paspalum notatum</i>)			
	i6	Cockroach			
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)			
	m2	<i>Cladosporium herbarum</i>			
	m3	<i>Aspergillus fumigatus</i>			
	m6	<i>Alternaria alternata</i> (a mold)			
	t1	Maple (box elder; <i>Acer negundo</i>)			
	t3	Birch (<i>Betula verrucosa</i>)			
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)			
	t7	Oak (<i>Quercus alba</i>)			
	t8	Elm (<i>Ulmus americana</i>)			
	t22	Pecan/Hickory (<i>Carya</i> species, pecan)			
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)			
	w14	Rough pigweed (<i>Amaranthus retroflexus</i>)			
	w18	Sheep sorrel (<i>Rumex acetosella</i>)			
	w20	Nettle (<i>Urtica dioica</i>)			
	TlgE	Total IgE			
	Profile IV: FL, south of Orlando				
		d1		<i>Dermatophagoides pteronyssinus</i>	10286
		d2		<i>Dermatophagoides farinae</i>	
d201		<i>Blomia tropicalis</i>			
e1		Cat dander			
e5		Dog dander			
e72		Mouse urine			
g2		Bermuda grass (<i>Cynodon dactylon</i>)			
g6		Timothy grass (<i>Phleum pratense</i>)			
g17		Bahia grass (<i>Paspalum notatum</i>)			
i6		Cockroach			
m1		<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)			
m2		<i>Cladosporium herbarum</i>			
m3		<i>Aspergillus fumigatus</i>			
m6		<i>Alternaria alternata</i> (a mold)			
t1		Maple (box elder; <i>Acer negundo</i>)			
t6		Mountain cedar (<i>Juniperus sabinoides</i>)			
t7		Oak (<i>Quercus alba</i>)			
t8		Elm (<i>Ulmus americana</i>)			
t73		Australian pine (<i>Casuarina equisetifolia</i>)			
w1		Common ragweed (short; <i>Ambrosia elatior</i>)			
w14		Rough pigweed (<i>Amaranthus retroflexus</i>)			
w18		Sheep sorrel (<i>Rumex acetosella</i>)			
w20		Nettle (<i>Urtica dioica</i>)			
TlgE		Total IgE			

Table 12: Regional Respiratory Allergy Profiles (continued)



	Phadia Code	Allergen	Test Code	
Profile V: IN, KY, OH, TN, WV				
	d1	<i>Dermatophagoides pteronyssinus</i>		
	d2	<i>Dermatophagoides farinae</i>		
	e1	Cat dander		
	e5	Dog dander		
	e72	Mouse urine		
	g2	Bermuda grass (<i>Cynodon dactylon</i>)		
	g6	Timothy grass (<i>Phleum pratense</i>)		
	i6	Cockroach		
	m1	<i>Penicillium chrysogenum (Penicillium notatum)</i>		
	m2	<i>Cladosporium herbarum</i>		
	m3	<i>Aspergillus fumigatus</i>		
	m6	<i>Alternaria alternata</i> (a mold)		
	t1	Maple (box elder; <i>Acer negundo</i>)	10646	
	t3	Birch (<i>Betula verrucosa</i>)		
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)		
	t7	Oak (<i>Quercus alba</i>)		
	t8	Elm (<i>Ulmus americana</i>)		
	t10	Walnut (<i>Juglans californica</i>)		
	t11	Maple Leaf sycamore, London Plane		
	t14	Cottonwood (<i>Populus deltoids</i>)		
	t15	White ash (<i>Fraxinus americana</i>)		
	t22	Pecan/Hickory (<i>Carya species, pecan</i>)		
	t70	Mulberry		
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)		
	w11	Russian thistle (Saltwort; <i>Salsola kali</i>)		
	w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
	w18	Sheep sorrel (<i>Rumex acetosella</i>)		
TlgE	Total IgE			
Profile VI: AL, AR, LA, MS				
	d1	<i>Dermatophagoides pteronyssinus</i>		
	d2	<i>Dermatophagoides farinae</i>		
	e1	Cat dander		
	e5	Dog dander		
	e72	Mouse urine		
	g2	Bermuda grass (<i>Cynodon dactylon</i>)		
	g6	Timothy grass (<i>Phleum pratense</i>)		
	i6	Cockroach		
	m1	<i>Penicillium chrysogenum (Penicillium notatum)</i>		
	m2	<i>Cladosporium herbarum</i>		
	m3	<i>Aspergillus fumigatus</i>		
	m6	<i>Alternaria alternata</i> (a mold)		
	t1	Maple (box elder; <i>Acer negundo</i>)	10647	
	t3	Birch (<i>Betula verrucosa</i>)		
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)		
	t7	Oak (<i>Quercus alba</i>)		
	t8	Elm (<i>Ulmus americana</i>)		
	t10	Walnut (<i>Juglans californica</i>)		
	t22	Pecan/Hickory (<i>Carya species, pecan</i>)		
	t70	Mulberry		
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)		
	w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
	w16	Rough marsh elder (<i>Iva</i>)		
	TlgE	Total IgE		

Table 12: Regional Respiratory Allergy Profiles (continued)


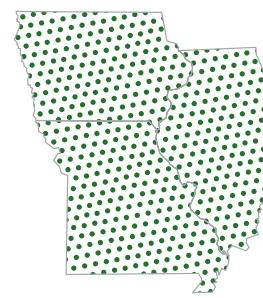
	Phadia Code	Allergen	Test Code	
Profile VII: MI, MN, WI				
	d1	<i>Dermatophagoides pteronyssinus</i>		
	d2	<i>Dermatophagoides farinae</i>		
	e1	Cat dander		
	e5	Dog dander		
	e72	Mouse urine		
	g2	Bermuda grass (<i>Cynodon dactylon</i>)		
	g6	Timothy grass (<i>Phleum pratense</i>)		
	i6	Cockroach		
	m1	<i>Penicillium chrysogenum (Penicillium notatum)</i>		
	m2	<i>Cladosporium herbarum</i>		
	m3	<i>Aspergillus fumigatus</i>		
	m6	<i>Alternaria alternata</i> (a mold)		
	t1	Maple (box elder; <i>Acer negundo</i>)	10648	
	t3	Birch (<i>Betula verrucosa</i>)		
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)		
	t7	Oak (<i>Quercus alba</i>)		
	t8	Elm (<i>Ulmus americana</i>)		
	t14	Cottonwood (<i>Populus deltoids</i>)		
	t15	White ash (<i>Fraxinus americana</i>)		
	t70	Mulberry		
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)		
	w11	Russian thistle (Saltwort; <i>Salsola kali</i>)		
	w16	Rough marsh elder (<i>Iva</i>)		
	w20	Nettle (<i>Urtica dioica</i>)		
	TlgE	Total IgE		
	Profile VIII: IA, IL, MO			
		d1	<i>Dermatophagoides pteronyssinus</i>	
d2		<i>Dermatophagoides farinae</i>		
e1		Cat dander		
e5		Dog dander		
e72		Mouse urine		
g2		Bermuda grass (<i>Cynodon dactylon</i>)		
g6		Timothy grass (<i>Phleum pratense</i>)		
i6		Cockroach		
m1		<i>Penicillium chrysogenum (Penicillium notatum)</i>		
m2		<i>Cladosporium herbarum</i>		
m3		<i>Aspergillus fumigatus</i>		
m6		<i>Alternaria alternata</i> (a mold)		
t1		Maple (box elder; <i>Acer negundo</i>)	10649	
t6		Mountain cedar (<i>Juniperus sabinoides</i>)		
t7		Oak (<i>Quercus alba</i>)		
t8		Elm (<i>Ulmus americana</i>)		
t10		Walnut (<i>Juglans californica</i>)		
t11		Maple Leaf sycamore, London Plane		
t14		Cottonwood (<i>Populus deltoids</i>)		
t15		White ash (<i>Fraxinus americana</i>)		
t22		Pecan/Hickory (<i>Carya species, pecan</i>)		
t70		Mulberry		
w1		Common ragweed (short; <i>Ambrosia elatior</i>)		
w11		Russian thistle (Saltwort; <i>Salsola kali</i>)		
w14		Rough pigweed (<i>Amaranthus retroflexus</i>)		
w16		Rough marsh elder (<i>Iva</i>)		
TlgE		Total IgE		

Table 12: Regional Respiratory Allergy Profiles (continued)



	Phadia Code	Allergen	Test Code
Profile IX: KS, NE, ND, SD 	d1	<i>Dermatophagoides pteronyssinus</i>	10650
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	t15	White ash (<i>Fraxinus americana</i>)	
	t70	Mulberry	
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)	
	w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)	
w18	Sheep sorrel (<i>Rumex acetosella</i>)		
w20	Nettle (<i>Urtica dioica</i>)		
TlgE	Total IgE		
Profile X: OK, TX 	d1	<i>Dermatophagoides pteronyssinus</i>	10651
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t3	Birch (<i>Betula verrucosa</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	t15	White ash (<i>Fraxinus americana</i>)	
	t22	Pecan/Hickory (<i>Carya</i> species, pecan)	
	t70	Mulberry	
w1	Common ragweed (short; <i>Ambrosia elatior</i>)		
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
w16	Rough marsh elder (Iva)		
w18	Sheep sorrel (<i>Rumex acetosella</i>)		
w20	Nettle (<i>Urtica dioica</i>)		
TlgE	Total IgE		

Table 12: Regional Respiratory Allergy Profiles (continued)

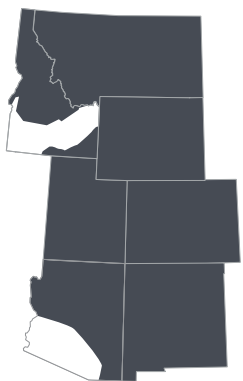

	Phadia Code	Allergen	Test Code
Profile XI: AZ (mountains), CO, ID (mountains), MT, NM, UT, WY 	d1	<i>Dermatophagoides pteronyssinus</i>	10653
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i>	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t2	Alder (<i>Alnus incana</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t9	Olive (<i>Olea europaea</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	t70	Mulberry	
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)	
w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)		
w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)		
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
w18	Sheep sorrel (<i>Rumex acetosella</i>)		
TlgE	Total IgE		
Profile XII: AZ (south), CA (southeast desert) 	d1	<i>Dermatophagoides pteronyssinus</i>	10654
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g5	Perennial rye grass (<i>Lolium perenne</i>)	
	g10	Johnson grass (<i>Sorghum halepense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t9	Olive (<i>Olea europaea</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	t19	Acacia (<i>Acacia</i> species)	
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)	
	w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	
w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)		
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
TlgE	Total IgE		

Table 12: Regional Respiratory Allergy Profiles (continued)



	Phadia Code	Allergen	Test Code
Profile XIII: CA, southern coast 	d1	<i>Dermatophagoides pteronyssinus</i>	10655
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	g10	Johnson grass (<i>Sorghum halepense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t2	Alder (<i>Alnus incana</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t9	Olive (<i>Olea europa</i>)	
	t10	Walnut (<i>Juglans californica</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
t70	Mulberry		
w1	Common ragweed (short; <i>Ambrosia elatior</i>)		
w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)		
w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)		
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
TlgE	Total IgE		
Profile XIV: CA, central valley 	d1	<i>Dermatophagoides pteronyssinus</i>	10668
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t2	Alder (<i>Alnus incana</i>)	
	t3	Birch (<i>Betula verrucosa</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t9	Olive (<i>Olea europa</i>)	
	t11	Maple Leaf sycamore, London Plane	
	t70	Mulberry	
w1	Common ragweed (short; <i>Ambrosia elatior</i>)		
w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)		
w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)		
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
TlgE	Total IgE		

Table 12: Regional Respiratory Allergy Profiles (continued)

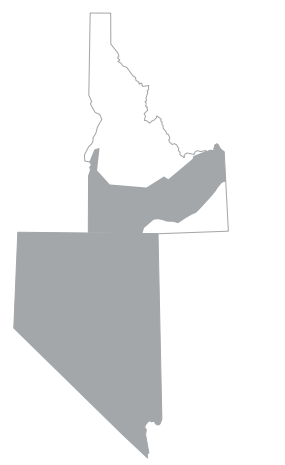
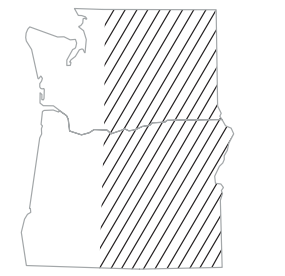
	Phadia Code	Allergen	Test Code
Profile XV: ID (south), NV 	d1	<i>Dermatophagoides pteronyssinus</i>	10669
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t9	Olive	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	t70	Mulberry	
	w1	Common ragweed (short; <i>Ambrosia elatior</i>)	
w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)		
w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)		
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
TlgE	Total IgE		
Profile XVI: OR, WA (central and east) 	d1	<i>Dermatophagoides pteronyssinus</i>	10657
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t2	Alder (<i>Alnus incana</i>)	
	t3	Birch (<i>Betula verrucosa</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	
	w11	Russian thistle (prickly saltwort; <i>Salsola kali</i>)	
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
w18	Sheep sorrel (<i>Rumex acetosella</i>)		
TlgE	Total IgE		

Table 12: Regional Respiratory Allergy Profiles (continued)


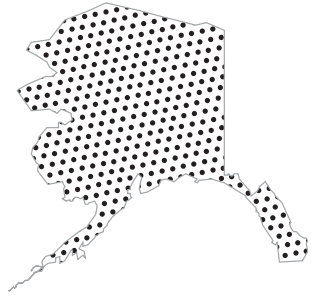
	Phadia Code	Allergen	Test Code
Profile XVII: CA (northwest), OR (west), WA (west) 	d1	<i>Dermatophagoides pteronyssinus</i>	10658
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t1	Maple (box elder; <i>Acer negundo</i>)	
	t2	Alder (<i>Alnus incana</i>)	
	t3	Birch (<i>Betula verrucosa</i>)	
	t6	Mountain cedar (<i>Juniperus sabinoides</i>)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t10	Walnut (<i>Juglans californica</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	t15	White ash (<i>Fraxinus americana</i>)	
w1	Common ragweed (short; <i>Ambrosia elatior</i>)		
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
w18	Sheep sorrel (<i>Rumex acetosella</i>)		
w20	Nettle (<i>Urtica dioica</i>)		
TlgE	Total IgE		
Profile XVIII: Alaska 	d1	<i>Dermatophagoides pteronyssinus</i>	10673
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g6	Timothy grass (<i>Phleum pratense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i>	
	m6	<i>Alternaria alternata</i> (a mold)	
	t2	Alder (<i>Alnus incana</i>)	
	t3	Birch (<i>Betula verrucosa</i>)	
	t14	Cottonwood (<i>Populus deltoides</i>)	
	w6	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	
w18	Sheep sorrel (<i>Rumex acetosella</i>)		
TlgE	Total IgE		

Table 12: Regional Respiratory Allergy Profiles (continued)


	Phadia Code	Allergen	Test Code
Profile XIX: Puerto Rico 	d1	<i>Dermatophagoides pteronyssinus</i>	38828
	d2	<i>Dermatophagoides farinae</i>	
	d201	<i>Blomia tropicalis</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	g2	Bermuda grass (<i>Cynodon dactylon</i>)	
	g9	Redtop grass, Bent grass (<i>Agrostis stolonifera</i>)	
	g10	Johnson grass (<i>Sorghum halepense</i>)	
	i6	Cockroach	
	m1	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	
	m2	<i>Cladosporium herbarum</i> (Hormodendrum)	
	m3	<i>Aspergillus fumigatus</i> (a mold)	
	m6	<i>Alternaria alternata</i> (a mold)	
	m12	<i>Aureobasidium pullulans</i> (Pullularia)	
	t7	Oak (<i>Quercus alba</i>)	
	t8	Elm (<i>Ulmus americana</i>)	
	t18	Eucalyptus (<i>Eucalyptus</i> species)	
	t73	Australian pine (<i>Casuarina equisetifolia</i>)	
w14	Rough pigweed (<i>Amaranthus retroflexus</i>)		
w18	Sheep sorrel (<i>Rumex acetosella</i>)		
w19	Wall pellitory		
TlgE	Total IgE		

Table 13: Childhood Allergy (Food and Environmental) Profile

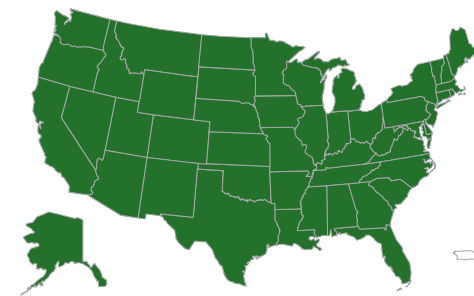
States	Test	Prevalent Test Allergens	Test Code
50 States 	d1	<i>Dermatophagoides pteronyssinus</i>	10659
	d2	<i>Dermatophagoides farinae</i>	
	e1	Cat dander	
	e5	Dog dander	
	e72	Mouse urine	
	f1	Egg white	
	f2	Milk	
	f3	Codfish	
	f4	Wheat	
	f13	Peanut	
	f14	Soybean	
	f24	Shrimp	
	f256	Walnut	
	i6	Cockroach	
	m2	<i>Cladosporium herbarum</i>	
m6	<i>Alternaria alternata</i> (a mold)		
	Total IgE		

Table 13: Childhood Allergy (Food and Environmental) Profile (continued)


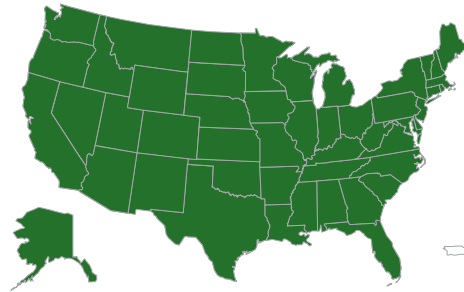
States	Test	Test Allergens	Test Code
 Puerto Rico	d1	<i>Dermatophagoides pteronyssinus</i>	38829
	d5	Dog	
	e1	Cat	
	e72	Mouse urine	
	f1	Egg white	
	f2	Milk	
	f4	Wheat	
	f8	Corn	
	f13	Peanut	
	f14	Soybean	
	i6	Cockroach	
	m6	<i>Alternaria alternata</i>	
TlgE	Total IgE		

Table 14: Food Allergy Profile, Adult

States	Test	Test Allergens*	Test Code
 50 States	f1	Egg white	10715
	f2	Milk	
	f3	Codfish	
	f4	Wheat	
	f8	Corn	
	f10	Sesame seed	
	f13	Peanut	
	f14	Soybean	
	f17	Hazelnut	
	f20	Almond	
	f24	Shrimp	
	f40	Tuna	
	f41	Salmon	
	f202	Cashew	
	f207	Clam	
	f256	Walnut	
f338	Scallop		

*Additional food allergen offerings can be found on page 2.

Table 15: Additional Allergy Panels

Panels 11 to 19: Each panel includes 5 allergens. A substitution for one of the listed allergens will be made only when an individual allergen is unavailable. Specimen requirements: 2 mL serum, submitted in a plastic vial.

Mold Group #11	(Test Code 7911)	Stinging Insect Group #13	(Test Code 7913)
m2	<i>Cladosporium herbarum</i>	i1	Honey bee
m3	<i>Aspergillus fumigatus</i>	i2	White-faced hornet
m4	<i>Mucor racemosus</i>	i3	Yellow jacket
m5	<i>Candida albicans</i>	i4	Paper wasp
m6	<i>Alternaria alternata</i>	i5	Yellow hornet
Animal Group #12	(Test Code 7912)	Cereal Group #15	(Test Code 7915)
e3	Horse dander	f5	Rye
e4	Cow dander	f6	Barley
e7	Pigeon droppings	f9	Rice
e70	Goose feathers	f11	Buckwheat
e72	Mouse urine	f79	Gluten
e85	Chicken feathers		
Vegetable Group #16	(Test Code 7916)	Nut Mix Group #18	(Test Code 7918)
f8	Corn	f10	Sesame seed
f12	Pea	f13	Peanut
f15	White bean	f17	Hazelnut
f31	Carrot	f20	Almond
f35	Potato	f36	Coconut
		f201	Pecan
		f202	Cashew
Salad Group #17	(Test Code 7917)	Seafood Group #19	(Test Code 7919)
f25	Tomato	f3	Codfish
f33	Orange	f23	Crab
f85	Celery	f24	Shrimp
f86	Parsley	f40	Tuna
f215	Lettuce	f41	Salmon
		f80	Lobster
Egg Component Panel	(Test Code 91372)*	Milk Component Panel	(Test Code 91403)**
f232	Ovalbumin	f76	Alpha-lactalbumin
f233	Ovomucoid	f77	Beta-lactoglobulin
		f78	Casein

*This panel may be performed on 0.5 mL serum, submitted in a plastic vial.

**This panel may be performed on 1 mL serum, submitted in a plastic vial.

Table 15: Additional Panels (continued)

Peanut Component Panel (Test Code 91681)*	
Ara h1 (f422)	
Ara h2 (f423)	
Ara h3 (f424)	
Ara h8 (f427)	
Ara h9 (f352)	

Peanut, Total with Reflex to Peanut Component Panel* (Test Code 91747)

*The ImmunoCAP® Peanut Component Allergen Test helps assess risk of a severe allergic reaction vs a mild or localized reaction to peanut exposure. Whereas 10% of children display specific IgE sensitization, only a portion of them are at risk for a systemic reaction. The presence of specific IgE Ara h2 indicates a high risk of severe reactions. The presence of Ara h1 and Ara h2, in concert with other positive peanut components, each increase the risk of a severe reaction. For additional information, refer to the Peanut Component Panel test summary in our online Test Center at QuestDiagnostics.com/TestCenter/TestGuide.Action?dc=TS_Peanut_Component_Panel.

Food Allergy Profile with Reflexes (Test Code 91682)

Egg white (f1)*	Soybean (f14)
Peanut (f13)*	Hazelnut (f17)
Peanut (f422)	Shrimp (f24)
Peanut (f423)	Scallop (f338)
Peanut (f424)	Cashew (f202)
Peanut (f352)	Salmon (f41)
Wheat (f4)	Sesame seed (f10)
Walnut (f256)	Ovomucoid (f233)
Codfish (f3)	Ovalbumin (f232)
Almond (f20)	Casein (f78)
Milk (f2)*	Alpha-lactalbumin (f76)
Tuna (f40)	Beta-lactoglobulin (f77)

Food Allergy Panel (Test Code 38767)

Milk f2	gE Wheat f4
IgE Egg white f1	IgE Soybean f14
IgE Peanut f13	IgE Codfish f3
IgE Walnut f256	IgE Clam f207
IgE Corn f8	IgE Shrimp f24

Nut Panel (Test Code 94462)

Macadamia nut f345	Pistachio f203
Pecan f201	Hazelnut f17
Brazil nut f18	Almond f20
Walnut f256	Peanut f13
Cashew f202	

Childhood Allergy Profile with Reflexes (Test Code 91683)

Milk (f2)*	Wheat (f4)
Soybean (f14)	Peanut (f13)*
Codfish (f3)	Peanut (f422)
<i>Dermatophagoides farinae</i> (d2)	Peanut (f423)
<i>Alternaria Alternata</i> (m6)	Peanut (f424)
Cat dander (e1)	Peanut (f352)
Dog dander (e5)	Cockroach (i6)
Egg white (f1)*	<i>Dermatophagoides pteronyssinus</i> (d1)
Mouse urine (e72)	<i>Cladosporium herbarum</i> (m2)
Ovomucoid (f233)	Shrimp (f24)
Alpha-lactalbumin (f76)	Walnut (f256)
Ovalbumin (f232)	Immunoglobulin E
Beta-lactoglobulin (f77)	Casein (f78)

Nut Panel with Reflexes (Test Code 94463)

Macadamia nut f345	Pistachio f203
Pecan f201	Hazelnut (with reflexes) f17
Brazil nut (with reflexes) f18	Almond f20
Walnut f256	Peanut (with reflex) f13
Cashew (with reflexes) f202	

Cashew Nut with Reflexes (Test Code 94465)

Cashew nut (f202)	
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Walnut with Reflexes (Test Code 94467)

Walnut (f256)	
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Hazelnut with Reflexes (Test Code 94468)

Hazelnut (f17)	
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Brazil Nut with Reflexes (Test Code 94464)

Brazil nut (f18)	
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