



POWERING AFFORDABLE CARE

through simplified allergy testing



Allergy Test Menu

Access the allergy tests and test codes you need
for better patient management.



ImmunoCAP™ specific IgE blood testing provided by Quest Diagnostics delivers reliable insights to help you:

- identify allergic triggers driving symptoms
- advance patients' asthma management
- pinpoint food allergen sensitization
- determine indoor and outdoor allergies

For additional information about our allergy testing portfolio, visit QuestAllergyTesting.com.

For test-specific information, visit TestDirectory.QuestDiagnostics.com.



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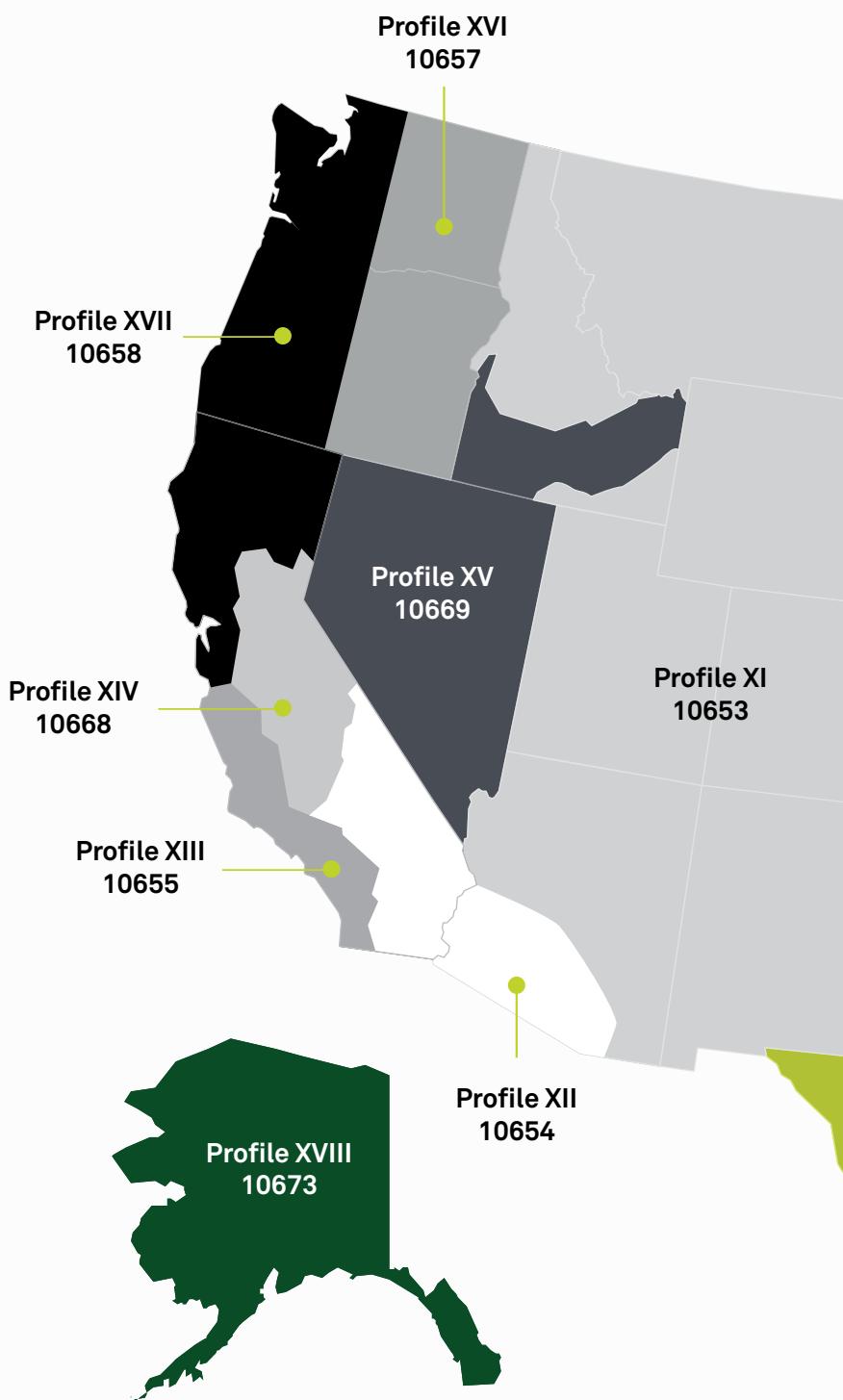
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Regional profiles for respiratory allergens

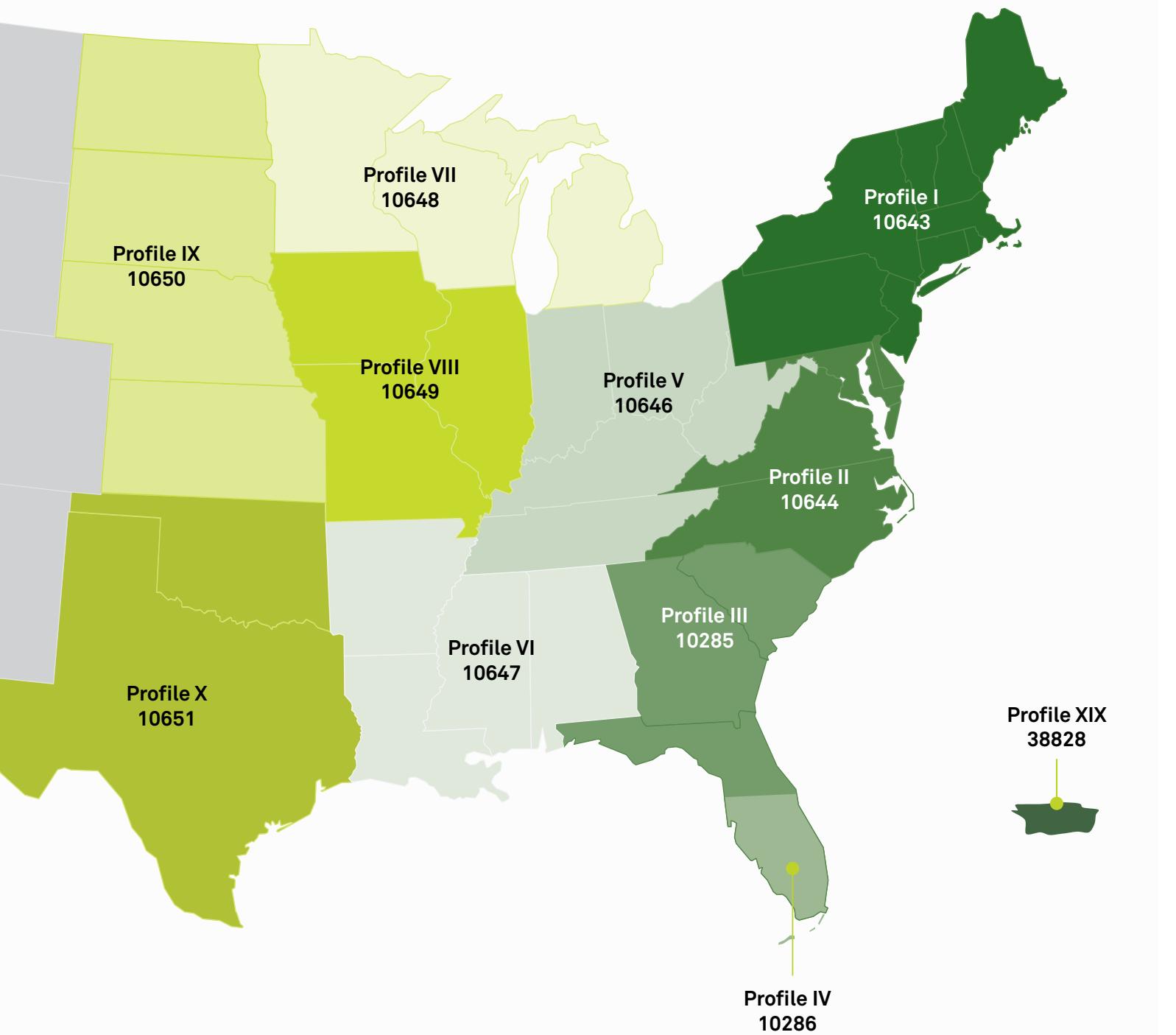
There are a total of 19 regional allergy profiles based upon the regional prevalence of allergens, taking into account the relative abundance and antigenicity for each seasonal allergen. Each profile consists of a total IgE measurement, the most prevalent tree, grass, and weed allergens specific to the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

Testing is performed using the 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 inhalant and food allergen atopy. Submission requirements: 5 mL for respiratory (preferred) or 2.5 mL (minimum) serum in a plastic vial.

For test-specific information, visit
TestDirectory.QuestDiagnostics.com.



Regional allergy profiles and test codes



Regional respiratory profiles



Regional respiratory allergy profiles

10643: Profile I — CT, MA, ME, NH, NJ, NY, PA, RI, VT

<i>Alternaria alternata</i> (a mold)	Cottonwood (<i>Populus deltoides</i>)	Mulberry
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides farinae</i>	Oak (<i>Quercus alba</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Birch (<i>Betula verrucosa</i>)	Dog dander	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Maple (box elder; <i>Acer negundo</i>)	Timothy grass (<i>Phleum pratense</i>)
Cockroach	Maple leaf sycamore, London plane	Walnut (<i>Juglans californica</i>)
Common ragweed (short; <i>Ambrosia elatior</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	White ash (<i>Fraxinus americana</i>)
	Mouse urine	Total IgE
	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	

10644: Profile II — DC, DE, MD, NC, VA

<i>Alternaria alternata</i> (a mold)	Cottonwood (<i>Populus deltoides</i>)	Mulberry
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides farinae</i>	Oak (<i>Quercus alba</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	<i>Dermatophagoides pteronyssinus</i>	Hickory/pecan tree (<i>Carya</i> species, pecan)
Birch (<i>Betula verrucosa</i>)	Dog dander	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Rough pigweed (<i>Amaranthus retroflexus</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Johnson grass (<i>Sorghum halepense</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
Cockroach	Maple (box elder; <i>Acer negundo</i>)	Timothy grass (<i>Phleum pratense</i>)
Common ragweed (short; <i>Ambrosia elatior</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Total IgE
	Mouse urine	

10285: Profile III — GA, northern FL, SC

<i>Alternaria alternata</i> (a mold)	Common ragweed (short; <i>Ambrosia elatior</i>)	Nettle (<i>Urtica dioica</i>)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides farinae</i>	Oak (<i>Quercus alba</i>)
Bahia grass (<i>Paspalum notatum</i>)	<i>Dermatophagoides pteronyssinus</i>	Hickory/pecan tree (<i>Carya</i> species, pecan)
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Birch (<i>Betula verrucosa</i>)	Elm (<i>Ulmus americana</i>)	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cat dander	Maple (box elder; <i>Acer negundo</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Timothy grass (<i>Phleum pratense</i>)
Cockroach	Mouse urine	Total IgE

Regional respiratory allergy profiles (continued)

10286: Profile IV — FL (south of Orlando)

<i>Alternaria alternata</i> (a mold)	Common ragweed (short; <i>Ambrosia elatior</i>)	Nettle (<i>Urtica dioica</i>)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides farinae</i>	Oak (<i>Quercus alba</i>)
Australian pine (<i>Casuarina equisetifolia</i>)	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Bahia grass (<i>Paspalum notatum</i>)	Dog dander	Rough pigweed (<i>Amaranthus retroflexus</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Elm (<i>Ulmus americana</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
<i>Blomia tropicalis</i>	Maple (box elder; <i>Acer negundo</i>)	Timothy grass (<i>Phleum pratense</i>)
Cat dander	Mountain cedar (<i>Juniperus sabinaoides</i>)	Total IgE
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Mouse urine	
Cockroach		

10646: Profile V — IN, KY, OH, TN, WV

<i>Alternaria alternata</i> (a mold)	Cottonwood (<i>Populus deltoides</i>)	Oak (<i>Quercus alba</i>)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides farinae</i>	Hickory/pecan tree (<i>Carya</i> species, pecan)
Bermuda grass (<i>Cynodon dactylon</i>)	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Birch (<i>Betula verrucosa</i>)	Dog dander	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Maple (box elder; <i>Acer negundo</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
Cockroach	Maple leaf sycamore, London plane	Timothy grass (<i>Phleum pratense</i>)
Common ragweed (short; <i>Ambrosia elatior</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Walnut (<i>Juglans californica</i>)
	Mouse urine	White ash (<i>Fraxinus americana</i>)
	Mulberry	Total IgE

10647: Profile VI — AL, AR, LA, MS

<i>Alternaria alternata</i> (a mold)	<i>Dermatophagoides farinae</i>	Hickory/pecan tree (<i>Carya</i> species, pecan)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	Rough marsh elder (<i>Iva</i>)
Birch (<i>Betula verrucosa</i>)	Elm (<i>Ulmus americana</i>)	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cat dander	Maple (box elder; <i>Acer negundo</i>)	Timothy grass (<i>Phleum pratense</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Walnut (<i>Juglans californica</i>)
Cockroach	Mouse urine	Total IgE
Common ragweed (short; <i>Ambrosia elatior</i>)	Mulberry	
	Oak (<i>Quercus alba</i>)	

Regional respiratory allergy profiles (continued)

10648: Profile VII — MI, MN, WI

<i>Alternaria alternata</i> (a mold)	<i>Cottonwood (Populus deltoides)</i>	<i>Nettle (Urtica dioica)</i>
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides farinae</i>	<i>Oak (Quercus alba)</i>
Bermuda grass (<i>Cynodon dactylon</i>)	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum (Penicillium notatum)</i>
Birch (<i>Betula verrucosa</i>)	Dog dander	Rough marsh elder (<i>Iva</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Maple (box elder; <i>Acer negundo</i>)	Timothy grass (<i>Phleum pratense</i>)
Cockroach	Mountain cedar (<i>Juniperus sabinaoides</i>)	White ash (<i>Fraxinus americana</i>)
Common ragweed (short; <i>Ambrosia elatior</i>)	Mouse urine	Total IgE
	Mulberry	

10649: Profile VIII — IA, IL, MO

<i>Alternaria alternata</i> (a mold)	<i>Dermatophagoides farinae</i>	Hickory/pecan tree (<i>Carya</i> species, pecan)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum (Penicillium notatum)</i>
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	Rough marsh elder (<i>Iva</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Rough pigweed (<i>Amaranthus retroflexus</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Maple (box elder; <i>Acer negundo</i>)	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
Cockroach	Maple leaf sycamore, London plane	Timothy grass (<i>Phleum pratense</i>)
Common ragweed (short; <i>Ambrosia elatior</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Walnut (<i>Juglans californica</i>)
Cottonwood (<i>Populus deltoides</i>)	Mouse urine	White ash (<i>Fraxinus americana</i>)
	Mulberry	Total IgE
	Oak (<i>Quercus alba</i>)	

10650: Profile IX — KS, ND, NE, SD

<i>Alternaria alternata</i> (a mold)	<i>Dermatophagoides farinae</i>	<i>Penicillium chrysogenum (Penicillium notatum)</i>
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides pteronyssinus</i>	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	Sheep sorrel (<i>Rumex acetosella</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Timothy grass (<i>Phleum pratense</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Maple (box elder; <i>Acer negundo</i>)	White ash (<i>Fraxinus americana</i>)
Cockroach	Mountain cedar (<i>Juniperus sabinaoides</i>)	Total IgE
Common ragweed (short; <i>Ambrosia elatior</i>)	Mouse urine	
Cottonwood (<i>Populus deltoides</i>)	Mulberry	
	Nettle (<i>Urtica dioica</i>)	
	Oak (<i>Quercus alba</i>)	

Regional respiratory allergy profiles (continued)

10651: Profile X — OK, TX

Alternaria alternata (a mold)	Dermatophagoides farinae	Hickory/pecan tree (<i>Carya</i> species, pecan)
Aspergillus fumigatus	Dermatophagoides pteronyssinus	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	Rough marsh elder (<i>Iva</i>)
Birch (<i>Betula verrucosa</i>)	Elm (<i>Ulmus americana</i>)	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cat dander	Maple (box elder; <i>Acer negundo</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
Cladosporium herbarum (<i>Hormodendrum</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Timothy grass (<i>Phleum pratense</i>)
Cockroach	Mouse urine	White ash (<i>Fraxinus americana</i>)
Common ragweed (short; <i>Ambrosia elatior</i>)	Mulberry	Total IgE
Cottonwood (<i>Populus deltoides</i>)	Nettle (<i>Urtica dioica</i>)	
	Oak (<i>Quercus alba</i>)	

10653: Profile XI — AZ (mountains), CO, ID (mountains), MT, NM, UT, WY

Alder (<i>Alnus incana</i>)	Dermatophagoides farinae	Olive (<i>Olea europaea</i>)
Alternaria alternata (a mold)	Dermatophagoides pteronyssinus	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Aspergillus fumigatus	Dog dander	Rough pigweed (<i>Amaranthus retroflexus</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Elm (<i>Ulmus americana</i>)	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
Cat dander	Maple (box elder; <i>Acer negundo</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
Cladosporium herbarum (<i>Hormodendrum</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Timothy grass (<i>Phleum pratense</i>)
Cockroach	Mouse urine	Total IgE
Common ragweed (short; <i>Ambrosia elatior</i>)	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	
Cottonwood (<i>Populus deltoides</i>)	Mulberry	
	Oak (<i>Quercus alba</i>)	

10654: Profile XII — AZ (south), CA (southeast desert)

Acacia (Acacia species)	Cottonwood (<i>Populus deltoides</i>)	Oak (<i>Quercus alba</i>)
Alternaria alternata (a mold)	Dermatophagoides farinae	Olive (<i>Olea europaea</i>)
Aspergillus fumigatus	Dermatophagoides pteronyssinus	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	Perennial rye grass (<i>Lolium perenne</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cladosporium herbarum (<i>Hormodendrum</i>)	Johnson grass (<i>Sorghum halepense</i>)	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
Cockroach	Mountain cedar (<i>Juniperus sabinaoides</i>)	Total IgE
Common ragweed (short; <i>Ambrosia elatior</i>)	Mouse urine	
	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	

Regional respiratory allergy profiles (continued)

10655: Profile XIII — CA (southern coast)

Alder (<i>Alnus incana</i>)	<i>Dermatophagoides farinae</i>	Olive (<i>Olea europaea</i>)
<i>Alternaria alternata</i> (a mold)	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
<i>Aspergillus fumigatus</i>	Dog dander	Rough pigweed (<i>Amaranthus retroflexus</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Elm (<i>Ulmus americana</i>)	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
Cat dander	Johnson grass (<i>Sorghum halepense</i>)	Timothy grass (<i>Phleum pratense</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Walnut (<i>Juglans californica</i>)
Cockroach	Mouse urine	Total IgE
Common ragweed (short; <i>Ambrosia elatior</i>)	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	
Cottonwood (<i>Populus deltoides</i>)	Mulberry	
	Oak (<i>Quercus alba</i>)	

10668: Profile XIV — CA (central valley)

Alder (<i>Alnus incana</i>)	Common ragweed (short; <i>Ambrosia elatior</i>)	Mulberry
<i>Alternaria alternata</i> (a mold)	<i>Dermatophagoides farinae</i>	Oak (<i>Quercus alba</i>)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides pteronyssinus</i>	Olive (<i>Olea europaea</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Birch (<i>Betula verrucosa</i>)	Elm (<i>Ulmus americana</i>)	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cat dander	Maple leaf sycamore, London plane	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Mountain cedar (<i>Juniperus sabinaoides</i>)	Timothy grass (<i>Phleum pratense</i>)
Cockroach	Mouse urine	Total IgE
	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	

10669: Profile XV — ID (south), NV

<i>Alternaria alternata</i> (a mold)	<i>Dermatophagoides farinae</i>	Olive (<i>Olea europaea</i>)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides pteronyssinus</i>	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Dog dander	Rough pigweed (<i>Amaranthus retroflexus</i>)
Cat dander	Elm (<i>Ulmus americana</i>)	Russian thistle (prickly saltwort; <i>Salsola kali</i>)
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Maple (box elder; <i>Acer negundo</i>)	Timothy grass (<i>Phleum pratense</i>)
Cockroach	Mountain cedar (<i>Juniperus sabinaoides</i>)	Total IgE
Common ragweed (short; <i>Ambrosia elatior</i>)	Mouse urine	
Cottonwood (<i>Populus deltoides</i>)	Mugwort (sagebrush; <i>Artemisia vulgaris</i>)	
	Mulberry	
	Oak (<i>Quercus alba</i>)	

Regional respiratory allergy profiles (continued)

10657: Profile XVI — OR, WA (central and east)

Alder (*Alnus incana*)
Alternaria alternata (a mold)
Aspergillus fumigatus
Birch (*Betula verrucosa*)
Cat dander
Cladosporium herbarum (*Hormodendrum*)
Cockroach
Cottonwood (*Populus deltoides*)

Dermatophagoides farinae
Dermatophagoides pteronyssinus
Dog dander
Elm (*Ulmus americana*)
Maple (box elder; *Acer negundo*)
Mountain cedar (*Juniperus sabinaoides*)
Mouse urine
Mugwort (sagebrush; *Artemisia vulgaris*)

Oak (*Quercus alba*)
Penicillium chrysogenum (*Penicillium notatum*)
Rough pigweed (*Amaranthus retroflexus*)
Russian thistle (prickly saltwort; *Salsola kali*)
Sheep sorrel (*Rumex acetosella*)
Timothy grass (*Phleum pratense*)
Total IgE

10658: Profile XVII — CA (northwest), OR (west), WA (west)

Alder (*Alnus incana*)
Alternaria alternata (a mold)
Aspergillus fumigatus
Birch (*Betula verrucosa*)
Cat dander
Cladosporium herbarum (*Hormodendrum*)
Cockroach
Common ragweed (short; *Ambrosia elatior*)

Cottonwood (*Populus deltoides*)
Dermatophagoides farinae
Dermatophagoides pteronyssinus
Dog dander
Elm (*Ulmus americana*)
Maple (box elder; *Acer negundo*)
Mountain cedar (*Juniperus sabinaoides*)
Mouse urine
Nettle (*Urtica dioica*)

Oak (*Quercus alba*)
Penicillium chrysogenum (*Penicillium notatum*)
Rough pigweed (*Amaranthus retroflexus*)
Sheep sorrel (*Rumex acetosella*)
Timothy grass (*Phleum pratense*)
Walnut (*Juglans californica*)
White ash (*Fraxinus americana*)
Total IgE

10673: Profile XVIII — Alaska

Alder (*Alnus incana*)
Alternaria alternata (a mold)
Aspergillus fumigatus
Birch (*Betula verrucosa*)
Cat dander
Cladosporium herbarum (*Hormodendrum*)

Cockroach
Cottonwood (*Populus deltoides*)
Dermatophagoides farinae
Dermatophagoides pteronyssinus
Dog dander
Mouse urine
Mugwort (sagebrush; *Artemisia vulgaris*)

Penicillium chrysogenum (*Penicillium notatum*)
Sheep sorrel (*Rumex acetosella*)
Timothy grass (*Phleum pratense*)
Total IgE

Regional respiratory allergy profiles (*continued*)

38828: Profile XIX — Puerto Rico

<i>Alternaria alternata</i> (a mold)	Cockroach	Oak (<i>Quercus alba</i>)
<i>Aspergillus fumigatus</i>	<i>Dermatophagoides farinae</i>	<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)
<i>Aureobasidium pullulans</i> (<i>Pullularia</i>)	<i>Dermatophagoides pteronyssinus</i>	Redtop grass, Bent grass (<i>Agrostis stolonifera</i>)
Australian pine (<i>Casuarina equisetifolia</i>)	Dog dander	Rough pigweed (<i>Amaranthus retroflexus</i>)
Bermuda grass (<i>Cynodon dactylon</i>)	Elm (<i>Ulmus americana</i>)	Sheep sorrel (<i>Rumex acetosella</i>)
<i>Blomia tropicalis</i>	Eucalyptus (<i>Eucalyptus</i> species)	Wall pellitory
Cat dander	Johnson grass (<i>Sorghum halepense</i>)	Total IgE
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	Mouse urine	

Profiles and component panels



Food allergens with component reflexes*

91747 Peanut, Total with Reflex to Peanut Component Panel

If Peanut IgE is ≥ 0.10 kU/L, reflex test for Peanut Component Panel will be performed for Ara h 1, Ara h 2, Ara h 3, Ara h 6, Ara h 8, Ara h 9

94464 Brazil Nut IgE with Reflex to Brazil Nut Component Panel

If Brazil Nut IgE is ≥ 0.10 kU/L, reflex test for Brazil Nut Component will be performed for Ber e1

94465 Cashew Nut IgE with Reflex to Cashew Nut Component Panel

If Cashew Nut IgE is ≥ 0.10 kU/L, reflex test for Cashew Nut Component will be performed for Ana o3

94467 Walnut IgE with Reflex to Walnut Component Panel

If Walnut IgE is ≥ 0.10 kU/L, reflex test for Walnut Component Panel will be performed for rJug r1, rJug r3

94468 Hazelnut IgE with Reflex to Hazelnut Component Panel

If Hazelnut IgE is ≥ 0.10 kU/L, reflex test for Hazelnut Component Panel will be performed for Cor a1, Cor a8, Cor a9, Cor a14

37900 Cow's Milk IgE with Reflex to Milk Component Panel

If Cow's Milk IgE is ≥ 0.10 kU/L, reflex test for Milk Component Panel will be performed for Alpha-lactalbumin IgE, Beta-lactoglobulin IgE, Casein IgE

37906 Egg White IgE with Reflex to Egg Component Panel

If Egg White IgE is ≥ 0.10 kU/L, reflex test for Egg Component Panel will be performed for Ovalbumin IgE, Ovomucoid IgE

*Additional charges may apply if reflex testing is performed.

Food and respiratory profiles with component reflexes*

91682 Food Allergy Profile with Reflex to Components

Almond	Hazelnut	Shrimp
Cashew nut	Peanut	Soybean
Codfish	Salmon	Tuna
Cow's milk	Scallop	Walnut
Egg white	Sesame seed	Wheat

If Egg White IgE ≥ 0.10 kU/L, reflex test for Egg Component Panel will be performed for Ovalbumin and Ovomucoid. If Cow's Milk IgE ≥ 0.10 kU/L, reflex test for Milk Component Panel will be performed for Alpha-lactalbumin, Beta-lactoglobulin, Casein. If Peanut IgE ≥ 0.10 kU/L, reflex test for Peanut Component Panel will be performed for Ara h 1, Ara h 2, Ara h 3, Ara h 6, Ara h 8, Ara h 9.

36763 Food and Tree Nut Allergy Panel with Reflex to Components

Almond	Hazelnut	Shrimp
Brazil nut	Macadamia nut	Soybean
Cashew nut	Peanut	Tuna
Codfish	Salmon	Walnut
Cow's milk	Scallop	Wheat
Egg white	Sesame seed	

If Egg White IgE ≥ 0.10 kU/L, reflex test for Egg Component Panel will be performed for Ovalbumin and Ovomucoid. If Cow's Milk IgE ≥ 0.10 kU/L, reflex test for Milk Component Panel will be performed for Alpha-lactalbumin, Beta-lactoglobulin, Casein. If Peanut IgE ≥ 0.10 kU/L, reflex test for Peanut Component Panel will be performed for Ara h 1, Ara h 2, Ara h 3, Ara h 6, Ara h 8, Ara h 9. If Brazil Nut IgE ≥ 0.10 kU/L, reflex test for Brazil Nut Component will be performed for Ber e1. If Walnut IgE ≥ 0.10 kU/L, reflex test for Walnut Component Panel will be performed for rJug r1, rJug r3. If Cashew Nut IgE ≥ 0.10 kU/L, reflex test for Cashew Nut Component will be performed for Ana o3. If Hazelnut IgE ≥ 0.10 kU/L, reflex test for Hazelnut Component Panel will be performed for Cor a1, Cor a8, Cor a9, Cor a14.

94463 Tree Nut Allergy Panel with Reflex to Components

Almond	Hazelnut	Pecan nut
Brazil nut	Macadamia nut	Pistachio
Cashew nut	Peanut	Walnut

If Peanut IgE ≥ 0.10 kU/L, reflex test for Peanut Component Panel will be performed for Ara h 1, Ara h 2, Ara h 3, Ara h 6, Ara h 8, Ara h 9. If Brazil Nut IgE ≥ 0.10 kU/L, reflex test for Brazil Nut Component will be performed for Ber e1. If Walnut IgE ≥ 0.10 kU/L, reflex test for Walnut Component Panel will be performed for rJug r1, rJug r3. If Cashew Nut IgE ≥ 0.10 kU/L, reflex test for Cashew Nut Component will be performed for Ana o3. If Hazelnut IgE ≥ 0.10 kU/L, reflex test for Hazelnut Component Panel will be performed for Cor a1, Cor a8, Cor a9, Cor a14.

Food and respiratory profiles with component reflexes (continued)*

91683 Childhood Allergy (Food and Environmental) Profile with Reflex to Components

<i>Alternaria alternata</i>	<i>Dermatophagoides farinae</i>	Shrimp
Cat dander	<i>Dermatophagoides pteronyssinus</i>	Soybean
<i>Cladosporium herbarum (Hormodendrum)</i>	Dog dander	Walnut
Cockroach	Egg white	Wheat
Codfish	Mouse urine proteins	Total IgE
Cow's milk	Peanut	

If Egg White IgE ≥ 0.10 kU/L, reflex test for Egg Component Panel will be performed for Ovalbumin and Ovomucoid. If Cow's Milk IgE ≥ 0.10 kU/L, reflex test for Milk Component Panel will be performed for Alpha-lactalbumin, Beta-lactoglobulin, Casein. If Peanut IgE ≥ 0.10 kU/L, reflex test for Peanut Component Panel will be performed for Ara h 1, Ara h 2, Ara h 3, Ara h 6, Ara h 8, Ara h 9.

36766 Childhood and Tree Nut Allergy Panel with Reflex to Components

Almond	Cow's milk	Peanut
<i>Alternaria alternata</i>	<i>Dermatophagoides farinae</i>	Shrimp
Brazil nut	<i>Dermatophagoides pteronyssinus</i>	Soybean
Cashew nut	Dog dander	Walnut
Cat dander	Egg white	Wheat
<i>Cladosporium herbarum (Hormodendrum)</i>	Hazelnut	Total IgE
Cockroach	Macadamia nut	
Codfish	Mouse urine proteins	

If Egg White IgE ≥ 0.10 kU/L, reflex test for Egg Component Panel will be performed for Ovalbumin and Ovomucoid. If Cow's Milk IgE ≥ 0.10 kU/L, reflex test for Milk Component Panel will be performed for Alpha-lactalbumin, Beta-lactoglobulin, Casein. If Peanut IgE ≥ 0.10 kU/L, reflex test for Peanut Component Panel will be performed for Ara h 1, Ara h 2, Ara h 3, Ara h 6, Ara h 8, Ara h 9. If Brazil Nut IgE ≥ 0.10 kU/L, reflex test for Brazil Nut Component will be performed for Ber e1. If Walnut IgE ≥ 0.10 kU/L, reflex test for Walnut Component Panel will be performed for rJug r1, rJug r3. If Cashew Nut IgE ≥ 0.10 kU/L, reflex test for Cashew Nut Component will be performed for Ana o3. If Hazelnut IgE ≥ 0.10 kU/L, reflex test for Hazelnut Component Panel will be performed for Cor a1, Cor a8, Cor a9, Cor a14.

*Additional charges may apply if reflex testing is performed.

Food and respiratory profiles

10715 Food Allergy Profile

Almond	Hazelnut	Shrimp
Cashew nut	Peanut	Soybean
Codfish	Salmon	Tuna
Cow's milk	Scallop	Walnut
Egg white	Sesame seed	Wheat

36762 Food and Tree Nut Allergy Panel

Almond	Hazelnut	Shrimp
Brazil nut	Macadamia nut	Soybean
Cashew nut	Peanut	Tuna
Codfish	Salmon	Walnut
Cow's milk	Scallop	Wheat
Egg white	Sesame seed	

94462 Tree Nut Allergy Panel

Almond	Hazelnut	Pecan nut
Brazil nut	Macadamia nut	Pistachio
Cashew nut	Peanut	Walnut

10659 Childhood Allergy (Food and Environmental) Profile

<i>Alternaria alternata</i>	<i>Dermatophagoides farinae</i>	Shrimp
Cat dander	<i>Dermatophagoides pteronyssinus</i>	Soybean
<i>Cladosporium herbarum (Hormodendrum)</i>	Dog dander	Walnut
Cockroach	Egg white	Wheat
Codfish	Mouse urine proteins	Total IgE
Cow's milk	Peanut	

Food and respiratory profiles (*continued*)

36765 Childhood and Tree Nut Allergy Panel

Almond	Cow's milk	Mouse urine proteins
<i>Alternaria alternata</i>	<i>Dermatophagoides farinae</i>	Peanut
Brazil nut	<i>Dermatophagoides pteronyssinus</i>	Shrimp
Cashew nut	Dog dander	Soybean
Cat dander	Egg white	Walnut
<i>Cladosporium herbarum (Hormodendrum)</i>	Hazelnut	Wheat
Cockroach	Macadamia nut	Total IgE

Mini allergy panel groups

7911 Allergy Panel 11, Mold Group

<i>Alternaria alternata</i>	<i>Candida albicans</i>	<i>Mucor racemosus</i>
<i>Aspergillus fumigatus</i>	<i>Cladosporium herbarum (Hormodendrum)</i>	

7913 Allergy Panel 13, Stinging Insect Group

Honey bee	White-Faced hornet	Yellow jacket
Paper wasp	Yellow hornet	

7914 Allergy Panel 14, Pediatric Group

Cow's milk	Oat	Wheat
Egg white	Soybean	

7915 Allergy Panel 15, Cereal Group

Barley	Gluten	Rye
Buckwheat	Rice	

Mini allergy panel groups (*continued*)

7916 Allergy Panel 16, Vegetable Group

Carrot	Pea	White bean
Corn	Potato	

7918 Allergy Panel 18, Nut Mix Group

Almond	Hazelnut	Sesame seed
Cashew nut	Peanut	
Coconut	Pecan nut	

7919 Allergy Panel 19, Seafood Group

Codfish	Lobster	Shrimp
Crab	Salmon	Tuna

94216 Allergy Panel, Animal Group

Chicken feathers	Goose feathers	Mouse urine proteins
Cow dander	Horse dander	

11270 Allergy-Shellfish Panel

Clam	Lobster	
Crab	Shrimp	

38038 Allergy Insect Venom Panel

Fire ant	Paper wasp	Yellow jacket
Honey bee	White-Faced hornet	

Allergy component panels

91372 Egg Component Panel

Ovalbumin

Ovomucoid

91403 Milk Component Panel

Alpha-lactalbumin

Beta-lactoglobulin

Casein

91681 Peanut Component Panel

Ara h 1

Ara h 3

Ara h 8

Ara h 2

Ara h 6

Ara h 9

94469 Brazil Nut Component Panel

Ber e1

94470 Cashew Nut Component Panel

Ana o3

94472 Walnut Component Panel

rJug r1

rJug r3

94476 Hazelnut Component Panel

Cor a1

Cor a9

Cor a8

Cor a14

39151 CCD and Profilin Cross Reactivity Panel

CCD

Profilin

3

Individual allergens



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 and the test order code.

Animal allergens	
Canary bird feathers	2542
Cat dander	2601
Cat serum albumin	2542
Chicken droppings	10536
Chicken feathers	2651
Chicken serum proteins	93383
Cow dander	2604
Dog dander	2605
Dog serum albumin	93386
Duck feathers	2664
Ferret epithelia	2545
Finch feathers	15520
Gerbil	2614
Goat epithelia	2656
Goose feathers	2661
Guinea pig epithelia	2606
Hamster epithelia	2652
Horse dander	2603
Mouse	2611
Mouse epithelia	2657
Mouse serum proteins	6744

Biologics and occupational allergens	
Alpha amylase	93381
Amoxicillin	38476
Cotton seed	23862
Ethylene oxide	37915
Ficus species	23861
Formaldehyde/Formalin	17075
Gelatin, bovine	35352
Insulin, human	2760
Isocyanate HDI	37917
Isocyanate MDI	37918
Isocyanate TDI	37919
Ispaghula (Psyllium)	2753
Latex	8927
Lysozyme	93390
Maleic anhydride	93391
Penicilloyl G	702
Penicilloyl G and V profile	6422
Penicilloyl V	703
Phthalic anhydride	14767
Silk	2758
Sunflower seed	23864
Suxamethonium succinylcholine	17062
Tetanus toxoid	93395

Individual allergens (*continued*)

Food allergens					
Abalone	38766	Celery	2860	Grape	2675
Almond	2820	Cheddar cheese	2858	Grapefruit	2923
Alpha-lactalbumin	2851	Cheese, mold type	2859	Green bean	2680
Anchovy	2562	Cherry	2609	Green pepper	2931
Anise	2625	Chestnut	2636	Grouper	11009
Apple	2849	Chicken meat	2857	Guar bean gum	2682
Apricot	2563	Chick pea	38958	Gum arabic	2684
Asparagus	2626	Chili pepper	2610	Haddock	92172
Avocado	8928	Chub mackerel	2550	Hake	92029
Bamboo shoot	2619	Cinnamon	2637	Halibut	2998
Banana	8926	Clam	8929	Hazelnut	2817
Barley	2806	Clove	2638	Herring	2707
Basil	2564	Cocoa	2875	Hop fruit cone	38259
Bay leaf	2628	Coconut	2836	Kiwi fruit	2884
Beef	2827	Codfish	2803	Lamb	2888
Beetroot	30766	Common millet	2620	Lentils	3010
Beta-lactoglobulin	2852	Coriander/Cilantro	11236	Lettuce	2862
Black olive	38482	Corn	2808	Lima bean	30760
Black pepper	2561	Crab	2823	Lime	2709
Blackberry	2630	Crayfish	38751	Lobster	2855
Blue mussel	2837	Cucumber	2639	Lobster, spiny	3018
Blueberry	2568	Curry	2916	Lupine seed	92030
Brazil nut	2818	Date	2640	Macadamia nut	38475
Broccoli	2631	Dill	2918	Mace	3025
Brussel sprouts	2569	Egg mix	2919	Mackerel	2713
Buckwheat	2811	Egg white	2801	Malt	2863
Cabbage	2632	Egg yolk	2856	Mandarin	2714
Caraway	2633	Eggplant	2642	Mango fruit	23860
Cardamom	2600	Fennel, fresh	2921	Mare's milk	3036
Carmine/red dye cochineal extract	10625	Fenugreek	93387	Marjoram	2715
Carob	2634	Fig	11121	Megrilm	2716
Carrot	2831	Flaxseed	11011	Melons	2887
Casein	2853	Flounder	23893	Milk	2802
Cashew	2608	Foxtail millet	2558	Milk, boiled	3044
Catfish	38267	Garlic	2847	Mint	15342
Cauliflower	2635	Ginger	2644	Mushroom	8931
CCD	39152	Gluten	2854	Mustard	2889
		Goat milk	2922	Nutmeg	2718

Individual allergens (*continued*)

Food allergens (<i>continued</i>)		Grass allergens
Oat	2807	Bahia grass (<i>Paspalum notatum</i>)
Octopus	2622	Barley pollen
Onion	2848	Bermuda grass (<i>Cynodon dactylon</i>)
Orange	2833	Brome grass (<i>Bromus inermis</i>)
Oregano	3045	Canary grass (<i>Phalaris canariensis</i>)
Ovalbumin	2719	Common reed (<i>Phragmites communis</i>)
Ovomucoid	3046	Corn grass
Oyster	8932	Cultivated oat pollen (<i>Avena sativa</i>)
Pacific squid	2559	Cultivated rye grass (<i>Secale cereale</i>)
Papaya	2720	Cultivated wheat pollen (<i>Triticum sativa</i>)
Paprika	3047	Johnson grass (<i>Sorghum halepense</i>)
Parsley	2861	June grass (Kentucky Blue) (<i>Poa pratensis</i>)
Passion fruit	2724	Meadow fescue (<i>Festuca elatior</i>)
Pea	2812	Meadow foxtail (<i>Alopecurus pratensis</i>)
Peach	8405	Orchard grass (cocksfoot) (<i>Dactylis glomerata</i>)
Peanut	2813	Perennial rye grass (<i>Lolium perenne</i>)
Pear	8884	Red top grass (Bent grass) (<i>Agrostis alba</i>)
Pecan nut	2864	Sweet vernal grass (<i>Anthoxanthum odoratum</i>)
Persimmon kaki fruit	3252	Timothy grass (<i>Phleum pratense</i>)
Pine nut	2725	Velvet grass (<i>Holcus lanatus</i>)
Pineapple	3048	Wild rye (<i>Secale species</i>)
Pistachio	2726	
Plaice	3049	
Plum	2728	
Poppy seed	3050	
Pork	2826	
Potato	2835	
Profilin	39153	
Pumpkin	3051	
Pumpkin seed	2729	
Quinoa	90660	
Rabbit	2730	
Rape seed	10481	
Raspberry	26281	
Red currant	93394	
Red kidney bean	3052	
Rice	2809	
Rye	2805	
Salmon	2841	
Sardine, pilchard	17623	
Scallop	273	
Sesame seed	2810	
Sheep milk	11195	
Shrimp	2824	
Snail	2744	
Sole	38243	
Soybean	2814	
Spinach	3054	
Squid	2745	
Strawberry	2844	
Sugar-beet seed	2746	
Sweet potato	2555	
Swordfish	3055	
Tarragon	3057	
Tea	6805	
Thyme	3062	
Tilapia	10724	
Tomato	2825	
Tragacanth	2747	
Trout	3063	
Tuna	2840	
Turkey meat	2748	
Vanilla	3244	
Walnut	3489	
Watermelon	30755	
Wheat	2804	
Whey	3248	
White bean	2815	
Yeast	2845	

Individual allergens (*continued*)

House dust and storage mite allergens

<i>Acarus siro</i>	23865
<i>Blomia tropicalis</i>	3299
<i>Dermatophagoides farinae</i>	2722
<i>Dermatophagoides microceras</i>	20416
<i>Dermatophagoides pteronyssinus</i>	2721
<i>Euroglyphus maynei</i>	3401
<i>Glycyphagus domesticus</i> (Storage mite)	2727
House dust (Greer)	2711
House dust (Hollister-Stier)	2712
<i>Lepidoglyphus destructor</i> (Storage mite)	2723
<i>Tyrophagus putrescentiae</i>	3298

Insect and venom allergens

Berlin beetle	2900
Blood worm	2738
Bumble bee venom	38410
Cockroach	2736
Cockroach, American	37454
European hornet	2800
Fire ant	2739
Honey bee	2731
Horsefly	3254
Mosquito	2740
Moth	3253
Paper wasp	2734
White-faced hornet	2732
Yellow hornet	2735
Yellow jacket	2733

Mold allergens

<i>Alternaria alternata</i>	2706
<i>Aspergillus fumigatus</i>	2703
<i>Aspergillus niger</i>	34938

<i>Aureobasidium pullulans</i> (<i>Pullularia</i>)	6634
<i>Botrytis cinerea</i>	6647
<i>Candida albicans</i>	2705
<i>Cephalosporium acremonium</i>	3301
<i>Chaetomium globosum</i>	3415
<i>Cladosporium herbarum</i> (<i>Hormodendrum</i>)	2702
Corn smut, <i>Tilletia tritici</i>	3308
<i>Curvularia lunata</i>	6680
<i>Epicoccum purpurascens</i>	6692
<i>Fusarium proliferatum</i> (<i>Fusarium moniliforme</i>)	6696
<i>Mucor racemosus</i>	2704
<i>Penicillium chrysogenum</i> (<i>Penicillium notatum</i>)	2701
<i>Penicillium glabrum</i> <i>p. frequentans</i>	3310
<i>Phoma betae</i>	6770
<i>Rhizopus nigricans</i>	6781
<i>Setomelanomma rostrata</i> (<i>Helminthosporium halodes</i>)	6711
<i>Staphylococcal enterotoxin A</i>	91996
<i>Staphylococcal enterotoxin B</i>	91997
<i>Stemphylium herbarum</i> (<i>Stemphylium botryosum</i>)	6799
<i>Trichoderma viride</i>	6809
<i>Trichophyton mentagrophytes</i> (<i>var interdigital</i>)	37460
<i>Trichophyton rubrum</i>	3406
<i>Ulocladium chartarum</i>	3412

Tree allergens

Acacia (<i>Acacia</i> species)	2519
Alder (<i>Alnus incana</i>)	2502
Arizona cypress	10779
Australian pine (<i>Casuarina equisetifolia</i>)	2554

Bald cypress	30762
Bayberry	30752
Beech (<i>Fagus grandifolia</i>)	2505
Birch (<i>Betula verrucosa</i>)	2503
Cedar	17572
Chestnut	3417
Cottonwood (<i>Populus deltoides</i>)	2514
Date tree	10713
Douglas fir	3319
Eldertree	3418
Elm (<i>Ulmus americana</i>)	2508
Eucalyptus (<i>Eucalyptus</i> species)	2518
Hackberry	248
Hazelnut (<i>Corylus avellana</i>)	2504
Hickory white	34939
Horn beam	3321
Horse chestnut	3323
Italian cypress (<i>Cupressus sempervirens</i>)	2523
Japanese cedar	23863
Linden tree	3421
Maple (box elder; <i>Acer negundo</i>)	2501
Melaleuca (<i>Melaleuca</i> species)	2521
Mesquite (<i>Prosopis juliflora</i>)	2520
Mountain cedar (<i>Juniperus sabina</i>)	2506
Oak (<i>Quercus alba</i>)	2507
Olive (<i>Olea europaea</i>)	2509
Hickory/pecan tree (<i>Carya</i> species, pecan)	2522
Peppertree	30765
Pine	3423
Privet	3326
Queen palm (<i>Arecastrum romanoffianum</i>)	2556
Red cedar	30751
Spruce	3426
Sweet gum	3328

Individual allergens (*continued*)

Tree allergens (*continued*)

Sycamore (<i>Platanus acerifolia</i>)	2511
Virginia live oak	30769
Walnut (<i>Juglans californica</i>)	2510
White ash (<i>Fraxinus americana</i>)	2515
White mulberry (<i>Morus</i> species)	2570
White pine (<i>Pinus strobus</i>)	2516
Willow (<i>Salix nigra</i>)	2512

Weed allergens

Alfalfa	38263
Cocklebur (<i>Xanthium pensylvanicum</i>)	2413
Common ragweed (short) (<i>Ambrosia elatior</i>)	2401
Dandelion (<i>Taraxacum vulgare</i>)	2408
Dog fennel	30753
English plantain (<i>Plantago lanceolata</i>)	2409
False ragweed (<i>Franseria acanthicarpa</i>)	2404
Firebush (<i>Kochia scoparia</i>)	2417
Giant ragweed (tall) (<i>Ambrosia trifida</i>)	2403
Goldenrod (<i>Solidago virgaurea</i>)	2412
Lamb's quarters (goosefoot; <i>Chenopodium album</i>)	2410
Lupin	3463
Mugwort (sagebrush) (<i>Artemisia vulgaris</i>)	2406
Nettle (<i>Urtica dioica</i>)	2420
Oxeye daisy (<i>Chrysanthemum leucanthemum</i>)	2407
Rape weed	3486

Rough marsh elder (*Iva*)

Rough marsh elder (<i>Iva</i>)	2416
Rough pigweed (<i>Amaranthus retroflexus</i>)	2414
Russian thistle (prickly saltwort; <i>Salsola kali</i>)	2411
Scale (<i>Atriplex</i>)	2415
Sheep sorrel (<i>Rumex acetosella</i>)	2418
Sunflower	3394
Wall pellitory	3436
Wall pellitory (<i>judaica</i>)	3346
Western ragweed (<i>Ambrosia psilostachya</i>)	2402
Wormwood (sagebrush) (<i>Artemisia absinthium</i>)	2405
Yellow dock weed	26578

Other allergens

Anisakis	3316
Ascaris	2741
Cotton, crude fibers	14535
Seminal fluid	2770
Tryptase (anaphylaxis)	34484



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