

APPENDIX—Allergy (ImmunoCap®) Testing Allergen IgE Antibodies

Hypersensitivity to the allergens included in this catalog are detected by (ImmunoCAP®). Testing is done by FEIA measuring circulating allergen specific immunoglobulin E. Results are reported as class I–VI; VI being the highest value and the most positive.

Each allergen may be ordered individually. Results for each allergen will be given.

Individual Allergens: (Specimen: 0.1 mL serum per allergen)

Animals

- Budgerigar Feathers (E78)
- Canary Feathers (E201)
- Cat Epithelium & Dander (RAE1)
- Chicken Feathers (E85)
- Cow Dander (E4)
- Dog Dander (E5)
- Duck Feathers (E86)
- Goat Epithelium (E80)
- Goose Feathers (E70)
- Guinea Pig Epithelium (E6)
- Hamster Epithelium (E84)
- Horse Dander (E3)
- Mouse Epithelium (E71)
- Mouse Serum Protein (E76)
- Mouse Urine (E72)
- Pig Epithelium (E83)
- Pigeon Droppings (E7)
- Rabbit Epithelium (E82)
- Rat Epithelium (E73)
- Rat Serum Protein (E75)
- Rat Urine Protein (E74)
- Sheep Epithelium (E81)

Grasses

- Bahia (G17)
- Bermuda (G2)
- Brome (G11)
- Common Reed (G7)
- Corn Pollen (G202)
- Cultivated Oat Pollen (G14)
- Cultivated Rye (G12)
- Cultivated Wheat (G15)
- Johnson (G10)
- Meadow Grass(KY Blue) (G8)
- Meadow Fescue (G4)
- Meadow Foxtail (G16)
- Cocksfoot (orchard grass)(G3)
- Rye grass (G5)
- Red Top (Bentgrass) (G9)
- Salt (RG203)
- Sweet Vernal (G1)
- Timothy (G6)
- Velvet (G13)

Weeds

- Careless Weed (See Pigweed)
- Cocklebur (W13)
- Common Ragweed (W1)
- Dandelion (W8)
- English Plantain, Ribwort (W9)
- False Ragweed (W4)
- Firebush (Kochia) (W17)
- Giant Ragweed (W3)
- Goldenrod (W12)
- Lamb's Quarters, Goosefoot (W10)
- Rough Marshelder (W16)
- Mugwort (Sagebrush) (W6)
- Nettle (W20)
- Ox-eye Daisy, Marguerite (W7)
- Parietaria judaica* (W21)
- Parietaria officinalis* (W19)
- Common pigweed (W14)
- Russian Thistle, Saltwort (W11)
- Scale, Lenscale (W15)
- Sheep Sorrel (Yellow Dock) (W18)
- Western Ragweed (W2)
- Wormwood (Sagebrush) (W5)
- Yellow Dock (Sheep Sorrel) (W18)

Insects

- Bumble Bee Venom (RI205)
- Cockroach (German) (I6)
- Fire ant (I70)
- Honeybee (I1)
- European Hornet (I75)
- Mosquito (I71)
- Paper Wasp (I4)
- White Faced Hornet (I2)
- Yellow Hornet (I5)
- Yellow Jacket (I3)

House Dust

- Acarus Siro* (D70)
- Dermatophagoides farinae* (D2)
- Dermatophagoides pteronyssinus* (D1)
- Euroglyphus maynei* (D74)
- Lepidoglyphus destructor* (D71)
- Storage mite, Gly. domesticus* (D73)
- Tyrophagus putrescens* (D72)
- House Dust Greer (H1)
- House Dust H-S (H2)

Molds

- Alternaria alternata* (M6)
- Aspergillus fumigatus* (M3)
- Aspergillus niger* (M207)
- Aurebasidium pullulans* (M12)
- Botrytis cinerea* (M7)
- Candida albicans* (M5)
- Chaetomium globosum* (RM208)
- Cladosporium herbarum* (M2)
- Curvularia lunata* (M16)
- Epicoccum purpurascens* (M14)
- Fusarium proliferatum* (M9)
- Setomelanomma rostrata* (M8)
- Mucor racemosus* (M4)
- Penicillium chrysogenum* (M1)
- Phoma betae* (M13)
- Rhizopus nigricans* (M11)
- Stemphylium herbarum* (M10)
- Trichoderma viride* (M15)
- Trichophyton Rubrum* (M205)

Drugs

- Ampicilloyl (RAC5)
- Amoxicillin (RAC6)
- Chymopapain (RC209)
- Penicilloyl G (RAC1)
- Penicilloyl V (RAC2)

Nuts

- Almond (F20)
- Brazil (F18)
- Cashew (F202)
- Hazelnut (F17)
- Macadamia Nut (RF345)
- Peanut (F13)
- Pecan (F201)

Occupational

- Ethylene Oxide (K78)
- Cottonseed (K83)
- Formaldehyde (K80)
- Isocyanate HDI (K77)
- Isocyanate MDI (K76)
- Isocyanate TDI (K75)
- Latex (K82)
- Sunflower Pip (K84)
- Trimellitic AC Anhydride (K86)

APPENDIX—Allergy (ImmunoCap®) Testing
Allergen IgE Antibodies

Individual Allergens-continued

Dairy Products

- Alpha-lactalbumin (F76)
- Beta-lactoglobulin (F77)
- Casein (F78)
- Cheddar Cheese (F81)
- Egg White (F1)
- Egg Yolk (F75)
- Ovalbumin (F232)
- Ovomucoid (F233)
- Cow's Milk (F2)
- Mold Cheese (F82)
- Whey (F236)

Seafood

- Catfish (RF369)
- Clam (F207)
- Codfish (F3)
- Crab (F23)
- Crayfish (RF320)
- Flounder (RF147)
- Hake (RF307)
- Halibut (RF303)
- Herring (F205)
- Lobster (F80)
- Mackerel (RF206)
- Mussel (F37)
- Oyster (F290)
- Salmon (F41)
- Sardine (F61)
- Scallop (F338)
- Shrimp (F24)
- Snail (RF314)
- Spiny Lobster (RF304)
- Squid, Pacific (F58)
- Tilapia (RF414)
- Trout (F204)
- Tuna (F40)

Meats and Poultry

- Beef (F27)
- Chicken (F83)
- Mutton (F88)
- Pork (F26)
- Turkey (F284)

Miscellaneous

- Tobacco Leaf (RO201)
- Seminal Fluid (O70)

Grains

- Alfalfa (RW45)
- Barley (F6)
- Buckwheat (F11)
- Corn (F8)
- Gluten (F79)
- Hops (RF324)
- Malt (F90)
- Millet, Common (F55)
- Oat (F7)
- Rice (F9)
- Rye (F5)
- Wheat (F4)

Trees

- Acacia (T19)
- Grey Alder (T2)
- Australian Pine (T73)
- American Beech (T5)
- Bald Cypress (RT37)
- Common Silver Birch (RAT3)
- Cedar (RT212)
- Chestnut (RT206)
- Cottonwood (T14)
- Elder (RT205)
- Elm (T8)
- Eucalyptus, Gum Tree (T18)
- Hackberry Celtis (RT44)
- Hazel (RAT4)
- Italian/Funeral Cypress (T23)
- Maple (T1)
- Melaleuca, Cajuput tree (T21)
- Mesquite (T20)
- Mountain Juniper (T6)
- Mulberry (T70)
- Oak (T7)
- Olive (T9)
- Pecan/Hickory (T22)
- Pine (RT213)
- Queen Palm (T72)
- Sweet Gum (RT211)
- Maple Leaf Sycamore (T11)
- Privet (T210)
- Virginia Live Oak (RT218)
- Walnut (T10)
- White Ash (T15)
- White Pine (T16)
- Willow (T12)

Vegetables

- Avocado (F96)
- Beetroot (RF319)
- Broccoli (F260)
- Cabbage (F216)
- Cauliflower (RF291)
- Carrot (F31)
- Celery (F85)
- Chick Pea (RF309)
- Cucumber (RF244)
- Green Bean (RF315)
- Green Pea (F12)
- Lentil (F235)
- Lettuce (F215)
- Onion (F48)
- Pepper, Green (RF263)
- Pepper, Sweet (F218)
- Potato (F35)
- Pumpkin (F225)
- Red Kidney Bean (RF287)
- Tomato (F25)
- Soybean (F14)
- Spinach (F214)
- White Bean (F15)

Fruits

- Apricot (F237)
- Apple (F49)
- Banana (F92)
- Blackberry (RF211)
- Blueberry (RF288)
- Cherry (F242)
- Coconut (F36)
- Grape (F259)
- Grapefruit (F209)
- Kiwi (F84)
- Lemon (F208)
- Lime (RF306)
- Melon (F87)
- Mandarin (Tangerine/Clementine) (RF302)
- Mango (F91)
- Orange (F33)
- Papaya (RF293)
- Peach (F95)
- Pear (F94)
- Pineapple (F210)
- Plum (F255)
- Raspberry (RF343)
- Strawberry (F44)
- Watermelon (RF329)

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Allergen IgE Antibodies

Individual Allergens (Cont.)

Miscellaneous Foods

- Baker's/Brewer's Yeast (F45)
- Black Pepper (F280)
- Chili Pepper (RF279)
- Chocolate (F93)
- Cinnamon (RF220)
- Coffee (RF221)
- Coriander (RF317)
- Garlic (F47)
- Ginger (RF270)
- Gum Arabic (RF297)
- Honey (RF247)
- Linseed (RF333)
- Mushroom (RF212)
- Mustard (F89)
- Nutmeg (RF282)
- Olive , Black (Fresh) (RF342)
- Oregano (F283)
- Parsley (F86)
- Poppy Seed (RF224)
- Rape seed (RF316)
- Sage (RF344)
- Sesame Seed (F10)
- Tea (RF222)
- Vanilla (RF234)

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PANELS

<input type="checkbox"/> Allergen National Food Profile (NFP)	<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 2 (DC, DE, MD, MC, VA) (APR2)	<input type="checkbox"/> Allergen Profile with IgE, Rsp - Area 5 (IN, KY, OH, TN, WV) (APR5)
Almond		
Cashew Nut	Alternaria alternata	Alternaria Alternata
Cod	Aspergillus fumigatus	Aspergillus fumigatus
Cow's Milk	Bermuda Grass	Bermuda Grass
Egg White	Common Silver Birch	Common Silver Birch
Hazel Nut	Cat Dander	Cat Dander
Peanut	Cladosporium herbarum	Cladosporium herbarum
Salmon	Cockroach, German	Cockroach, German
Scallop	Common Ragweed (short)	Common Ragweed (short)
Sesame Seed	Cottonwood	Cottonwood
Shrimp	Dermatophagoides farinae	Dermatophagoides farinae
Soybean	Dermatophagoides pteronyssinus	Dermatophagoides pteronyssinus
Tuna	Dog Dander	Dog Dander
Walnut	Elm	Elm
Wheat	Johnson Grass	Maple (Box Elder)
IgE	Maple (Box Elder)	Maple Leaf Syc., London Plane
	Mountain Juniper	Mountain Juniper
	Mouse Urine Proteins	Mouse Urine Proteins
	Mulberry	Oak
<input type="checkbox"/> Allergen Profile With IgE, Rsp - Area 1 (CT, MA, ME, NH, NJ, NY, PA, RI, VT) (APR1)	Oak	Pecan, Hickory
	Pecan, Hickory	Penicillium chrysogenum
Alternaria alternata	Penicillium chrysogenum	Common Pigweed
Aspergillus fumigatus	Common Pigweed	Saltwort, Russian Thistle
Bermuda Grass	Sheep Sorrel	Sheep Sorrel
Common Silver Birch	Timothy Grass	Timothy Grass
Cat Dander	IgE	Walnut Tree
Cladosporium herbarum		White Ash
Cockroach, German	<input type="checkbox"/> Allergen Profile With IgE, Rsp - Area 3 (GA, North FL, SC) (APR3)	Mulberry
Cottonwood		IgE
Dermatophagoides farinae	Alternaria alternata	
Dermatophagoides pteronyssinus	Aspergillus fumigatus	<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 6 (AL, AR, LA, MS) (APR6)
Dog Dander	Bahia Grass	
Elm	Bermuda Grass	Alternaria Alternata
Maple (Box Elder)	Common Silver Birch	Aspergillus fumigatus
Maple Leaf Syc., London Plane	Cat Dander	Bermuda Grass
Mountain Juniper	Cladosporium herbarum	Common Silver Birch
Mouse Urine Proteins	Cockroach, German	Cat Dander
Mugwort (sagebrush)	Common Ragweed (short)	Cladosporium herbarum
Mulberry	Dermatophagoides farinae	Cockroach, German
Oak	Dermatophagoides pteronyssinus	Common Ragweed (short)
Penicillium chrysogenum	Dog Dander	Dermatophagoides farinae
Common Pigweed	Elm	Dermatophagoides pteronyssinus
Common Ragweed (short)	Maple (Box Elder)	Dog Dander
Sheep Sorrel	Mountain Juniper	Elm
Timothy Grass	Mouse Urine Proteins	Maple (Box Elder)
Walnut Tree	Nettle	Mountain Juniper
White Ash	Oak	Mouse Urine Proteins
IgE	Pecan, Hickory	Mulberry
	Penicillium chrysogenum	Oak
	Common Pigweed	Pecan, Hickory
	Sheep Sorrel	Penicillium chrysogenum
	Timothy Grass	Rough Marsh elder
	IgE	Common Pigweed
		Timothy Grass
		Walnut Tree
		IgE

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Allergen Profile w/IgE, Rsp -Area 8 (IA, IL, MO) (APR8)	Allergen Profile w/IgE, Rsp - Area 15 (South ID, NV) (APR15)	Allergen Profile w/IgE, Rsp - Area 17 (nw CA, wst OR, wst WA) (APR17)
Alternaria alternata	Alternaria alternata	Grey Alder
Aspergillus fumigatus	Aspergillus fumigatus	Alternaria alternata
Bermuda Grass	Bermuda Grass	Aspergillus fumigatus
Cat Dander	Cat Dander	Common Silver Birch
Cladosporium herbarum	Cladosporium herbarum	Cat Dander
Cockroach, German	Cockroach, German	Cladosporium herbarum
Common Ragweed (short)	Common Ragweed (short)	Cockroach, German
Cottonwood	Cottonwood	Common Ragweed (short)
Dermatophagoides farinae	Dermatophagoides farinae	Cottonwood
Dermatophagoides pteronyssinus	Dermatophagoides pteronyssinus	Dermatophagoides farinae
Dog Dander	Dog Dander	Dermatophagoides pteronyssinus
Elm	Elm	Dog Dander
Maple (Box Elder)	Maple (Box Elder)	Elm
Maple Leaf Syc., London Plane	Mountain Juniper	Maple (Box Elder)
Mountain Juniper	Mouse Urine Proteins	Mountain Juniper
Mouse Urine Proteins	Mugwort (sagebrush)	Mouse Urine Proteins
Mulberry	Oak	Nettle
Oak	Olive Tree	Oak
Pecan, Hickory	Penicillium chrysogenum	Penicillium chrysogenum
Penicillium chrysogenum	Common Pigweed	Common Pigweed
Rough Marsh Elder	Saltwort, Russian Thistle	Sheep Sorrel
Common Pigweed	Timothy Grass	Timothy Grass
Saltwort, Russian Thistle	Mulberry	Walnut Tree
Timothy Grass	IgE	White Ash
Walnut Tree		IgE
White Ash		
IgE	Allergen Profile w/IgE, Rsp - Area 16 (WA, OR) (APR16)	Animal Panel (RAP3)
	Grey Alder	Cat Dander
	Alternaria alternata	Cow Dander
Allergen Profile with IgE, Rsp-Area 11 AZ,CO,ID,MT,NM,UT,WY (APR11)	Aspergillus fumigatus	Dog Dander
Alternaria alternata	Common Silver Birch	Duck Feathers
Aspergillus fumigatus	Cat Dander	Goose Feathers
Bermuda Grass	Cladosporium herbarum	Horse Dander
Cat Dander	Cockroach, German	
Cladosporium herbarum	Cottonwood	Bee Venom (RAP12)
Cockroach, German	Dermatophagoides pteronyssinus	Honeybee
Common Pigweed	Dermatophagoides farinae	Paper Wasp
Common Ragweed (short)	Dog Dander	White-Faced Hornet
Cottonwood	Maple (Box Elder)	Yellow Hornet
Dermatophagoides farinae	Elm	Yellow Jacket
Dermatophagoides pteronyssinus	Mountain Juniper	
Dog Dander	Mouse Urine Proteins	Childhood Allergy Panel (CAP)
Elm	Mugwort (sagebrush)	<i>Alternaria Alternata</i>
Grey Alder	Oak	Cat Dander
Maple (Box Elder)	Penicillium chrysogenum	Cladosporium herbarum
Mountain Juniper	Common Pigweed	Cockroach, German
Mouse Urine Proteins	Saltwort, Russian Thistle	Cod
Mugwort (sagebrush)	Sheep Sorrel	Cow's Milk
Mulberry	Timothy Grass	<i>Dermatophagoides farinae</i>
Oak	IgE	<i>Dermatophagoides Pteronyssinus</i>
Olive Tree		Dog Dander
Penicillium chrysogenum		Egg White
Saltwort, Russian Thistle		IgE
Sheep Sorrel		Mouse Urine Proteins
Timothy Grass		Peanut
		Shrimp
		Soybean
		Walnut
		Wheat

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<input type="checkbox"/> Childhood Allergy Panel - No IgE (CAPF)	<input type="checkbox"/> Nut Panel (RAP22)	<input type="checkbox"/> Seafood Panel (RAP11)
Alternaria Alternata	Almond	Codfish
Cat Dander	Brazil Nut	Crab
Cladosporium herbarum	Cashew	Mussel
Cockroach, German	Hazelnut	Salmon
Cod	Macadamia Nut	Shrimp
Cow's Milk	Peanut	Tuna
Dermatophagoides farinae	Pecan	<input type="checkbox"/> Shellfish Panel (SHELF)
Dermatophagoides pteronyssinus	Pine Nut, Pignoles	Clam
Dog Dander	Pistachio	Crab
Egg White	Sweet Chestnut	Lobster
Mouse Urine Proteins	Walnut	Scallop
Peanut	<input type="checkbox"/> Peanut Component Panel (PNTF)	Shrimp
Shrimp	Ara h 2 (f423)	Snail
Soybean	Ara h 1 (f422)	<input type="checkbox"/> Tree Panel (RAP7)
Walnut	Ara h 3 (f424)	Birch
Wheat	Ara h 9 (f427)	Cottonwood
<input type="checkbox"/> Dust Panel (RAP4)	Ara h 8 (f352)	Elm
Cockroach	<input type="checkbox"/> Pediatric Food Panel (RAP10)	Maple
<i>Dermatophagoides farinae</i>	Egg White	Mountain Cedar
<i>Dermatophagoides pteronyssinus</i>	Milk	Oak
House Dust (Greer)	Peanut	Sycamore
House Dust (H-S)	Soybean	Walnut
<input type="checkbox"/> Grass Panel (RAP5)	Wheat	<input type="checkbox"/> Weed Panel (RAP13)
Bermuda	<input type="checkbox"/> Respiratory Allergy Profile Region VII: MI, MN, WI (Panel A) (MWMPA) (must order both A & B)	Common Ragweed
June		English Plantain
Meadow Fescue		Goldenrod
Orchard	Aspergillus fumigatus	Lamb's Quarter
Perennial rye	Alternaria Alternata	Mugwort
Sweet Vernal	Bermuda Grass	Pigweed
Timothy	Common Silver Birch	Sheep Sorrel
<input type="checkbox"/> Insect Panel (RAP9)	Cat Dander	Sweet Vernal Grass
Cockroach	Cladosporium herbarum	
Honeybee	Cockroach, German	
Yellow Jacket	Cottonwood	
<input type="checkbox"/> Mold Panel (RAP6)	Dermatophagoides farinae	
<i>Alternaria alternata</i>	Dermatophagoides pteronyssinus	
<i>Aspergillus fumigatus</i>	Dog Dander	
<i>Candida albicans</i>	Elm	
<i>Cladosporium herbarum</i>	Maple (Box Elder)	
<i>Mucor racemosus</i>	Mountain Juniper	
<i>Penicillium notatum</i>	Oak	
<input type="checkbox"/> Mountain West Panel (MTWST)	Penicillium chrysogenum	
Grey Alder	Timothy Grass	
Alternaria alternata	<input type="checkbox"/> Respiratory Allergy Profile Region VII: MI, MN, WI (Panel B) (MWMPB) (must order both A & B)	
Bermuda Grass		
Common Silver Birch		
Cat Dander	Mouse Urine Proteins	
Cockroach, German	Mulberry	
Cottonwood	Nettle	
Dermatophagoides farinae	Comon Ragweed (short)	
Dog Dander	Rough Marsh elder	
Maple (Box Elder)	Saltwort, Russian Thistle	
Mugwort (sagebrush)	White Ash	
Common Pigweed	IgE	
Redtop, Bentgrass		
Saltwort, Russian Thistle		