

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 (F414)
- 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"/> Adult Food Panel (FAPA)	<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)
Clam		
Codfish	Alternaria alternata	Alternaria Alternata
Corn	Aspergillus fumigatus	Aspergillus fumigatus
Egg White	Bermuda Grass	Bermuda Grass
Milk	Common Silver Birch	Common Silver Birch
Peanut	Cat Dander	Cat Dander
Scallop	Cladosporium herbarum	Cladosporium herbarum
Sesame seed	Cockroach, German	Cockroach, German
Shrimp	Common Ragweed (short)	Common Ragweed (short)
Soybean	Cottonwood	Cottonwood
Walnut	Dermatophagoides farinae	Dermatophagoides farinae
Wheat	Dermatophagoides pteronyssinus	Dermatophagoides pteronyssinus
	Dog Dander	Dog Dander
	Elm	Elm
	Johnson Grass	Maple (Box Elder)
	Maple (Box Elder)	Maple Leaf Syc., London Plane
<input type="checkbox"/> Allergen Profile With IgE, Rsp - Area 1 (CT, MA, ME, NH, NJ, NY, PA, RI, VT) (APR1)	Mountain Juniper	Mountain Juniper
Alternaria alternata	Mouse Urine Proteins	Mouse Urine Proteins
Aspergillus fumigatus	Mulberry	Oak
Bermuda Grass	Oak	Pecan, Hickory
Common Silver Birch	Pecan, Hickory	Penicillium chrysogenum
Cat Dander	Penicillium chrysogenum	Common Pigweed
Cladosporium herbarum	Common Pigweed	Saltwort, Russian Thistle
Cockroach, German	Sheep Sorrel	Sheep Sorrel
Cottonwood	Timothy Grass	Timothy Grass
Dermatophagoides farinae	IgE	Walnut Tree
Dermatophagoides pteronyssinus		White Ash
Dog Dander		Mulberry
Elm	<input type="checkbox"/> Allergen Profile With IgE, Rsp - Area 3 (GA, North FL, SC) (APR3)	IgE
Maple (Box Elder)	Alternaria alternata	
Maple Leaf Syc., London Plane	Aspergillus fumigatus	<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 6 (AL, AR, LA, MS) (APR6)
Mountain Juniper	Bahia Grass	Alternaria Alternata
Mouse Urine Proteins	Bermuda Grass	Aspergillus fumigatus
Mugwort (sagebrush)	Common Silver Birch	Bermuda Grass
Mulberry	Cat Dander	Common Silver Birch
Oak	Cladosporium herbarum	Cat Dander
Penicillium chrysogenum	Cockroach, German	Cladosporium herbarum
Common Pigweed	Common Ragweed (short)	Cockroach, German
Common Ragweed (short)	Dermatophagoides farinae	Common Ragweed (short)
Sheep Sorrel	Dermatophagoides pteronyssinus	Dermatophagoides farinae
Timothy Grass	Dog Dander	Dermatophagoides pteronyssinus
Walnut Tree	Elm	Dog Dander
White Ash	Maple (Box Elder)	Elm
IgE	Mountain Juniper	Maple (Box Elder)
	Mouse Urine Proteins	Mountain Juniper
	Nettle	Mouse Urine Proteins
	Oak	Mulberry
	Pecan, Hickory	Oak
	Penicillium chrysogenum	Pecan, Hickory
	Common Pigweed	Penicillium chrysogenum
	Sheep Sorrel	Rough Marsh elder
	Timothy Grass	Common Pigweed
	IgE	Timothy Grass
		Walnut Tree
		IgE

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<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 8 (IA, IL, MO) (APR8)	<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 16 (WA, OR) (APR16)	<input type="checkbox"/> Animal Panel (RAP3)
Alternaria alternata	Grey Alder	Cat Dander
Aspergillus fumigatus	Alternaria alternata	Cow Dander
Bermuda Grass	Aspergillus fumigatus	Dog Dander
Cat Dander	Common Silver Birch	Duck Feathers
Cladosporium herbarum	Cat Dander	Goose Feathers
Cockroach, German	Cladosporium herbarum	Horse Dander
Common Ragweed (short)	Cockroach, German	<input type="checkbox"/> Bee Venom (RAP12)
Cottonwood	Cottonwood	Honeybee
Dermatophagoides farinae	Dermatophagoides pteronyssinus	Paper Wasp
Dermatophagoides pteronyssinus	Dermatophagoides farinae	White-Faced Hornet
Dog Dander	Dog Dander	Yellow Hornet
Elm	Maple (Box Elder)	Yellow Jacket
Maple (Box Elder)	Elm	<input type="checkbox"/> Childhood Allergy Panel (CAP)
Maple Leaf Syc., London Plane	Mountain Juniper	<i>Alternaria Alternata</i>
Mountain Juniper	Mouse Urine Proteins	Cat Dander
Mouse Urine Proteins	Mugwort (sagebrush)	Cladosporium herbarum
Mulberry	Oak	Cockroach, German
Oak	Penicillium chrysogenum	Cod
Pecan, Hickory	Common Pigweed	Cow's Milk
Penicillium chrysogenum	Saltwort, Russian Thistle	<i>Dermatophagoides farinae</i>
Rough Marsh Elder	Sheep Sorrel	<i>Dermatophagoides Pteronyssinus</i>
Common Pigweed	Timothy Grass	Dog Dander
Saltwort, Russian Thistle	IgE	Egg White
Timothy Grass	<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 17 (nw CA, wst OR, wst WA) (APR17)	IgE
Walnut Tree	Grey Alder	Mouse Urine Proteins
White Ash	Alternaria alternata	Peanut
IgE	Aspergillus fumigatus	Shrimp
<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 15 (South ID, NV) (APR15)	Common Silver Birch	Soybean
Alternaria alternata	Cat Dander	Walnut
Aspergillus fumigatus	Cladosporium herbarum	Wheat
Bermuda Grass	Cockroach, German	<input type="checkbox"/> Childhood Allergy Panel - No IgE (CAPF)
Cat Dander	Common Ragweed (short)	Alternaria Alternata
Cladosporium herbarum	Cottonwood	Cat Dander
Cockroach, German	Dermatophagoides farinae	Cladosporium herbarum
Common Ragweed (short)	Dermatophagoides pteronyssinus	Cockroach, German
Cottonwood	Dog Dander	Cod
Dermatophagoides farinae	Elm	Cow's Milk
Dermatophagoides pteronyssinus	Maple (Box Elder)	Dermatophagoides farinae
Dog Dander	Mountain Juniper	Dermatophagoides pteronyssinus
Elm	Mouse Urine Proteins	Dog Dander
Maple (Box Elder)	Nettle	Egg White
Mountain Juniper	Oak	Mouse Urine Proteins
Mouse Urine Proteins	Penicillium chrysogenum	Peanut
Mugwort (sagebrush)	Common Pigweed	Shrimp
Oak	Sheep Sorrel	Soybean
Olive Tree	Timothy Grass	Walnut
Penicillium chrysogenum	Walnut Tree	Wheat
Common Pigweed	White Ash	
Saltwort, Russian Thistle	IgE	
Timothy Grass		
Mulberry		
IgE		

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<input type="checkbox"/> Dust Panel (RAP4)	<input type="checkbox"/> Peanut Component Panel (PNTP)	<input type="checkbox"/> Shellfish Panel (SHELF)
Cockroach	Ara h 2 (f423)	Clam
<i>Dermatophagoides farinae</i>	Ara h 1 (f422)	Crab
<i>Dermatophagoides pteronyssinus</i>	Ara h 3 (f424)	Lobster
House Dust (Greer)	Ara h 9 (f427)	Scallop
House Dust (H-S)	Ara h 8 (f352)	Shrimp
		Snail
<input type="checkbox"/> Grass Panel (RAP5)	<input type="checkbox"/> Pediatric Food Panel (RAP10)	<input type="checkbox"/> Tree Panel (RAP7)
Bermuda	Egg White	Cottonwood
June	Milk	Elm
Meadow Fescue	Peanut	Maple
Orchard	Soybean	Mountain Cedar
Perennial rye	Wheat	Oak
Sweet Vernal		Sycamore
Timothy		Walnut
<input type="checkbox"/> Insect Panel (RAP9)	<input type="checkbox"/> Respiratory Allergy Profile Region VII: MI, MN, WI (Panel A) (MWMPA) (must order both A & B)	<input type="checkbox"/> Tree Panel (RAP7)
Cockroach	Aspergillus fumigatus	Birch
Honeybee	Alternaria Alternata	Cottonwood
Yellow Jacket	Bermuda Grass	Elm
	Common Silver Birch	Maple
<input type="checkbox"/> Mold Panel (RAP6)	Cat Dander	Mountain Cedar
<i>Alternaria alternata</i>	Cladosporium herbarum	Oak
<i>Aspergillus fumigatus</i>	Cottonwood	Sycamore
<i>Candida albicans</i>	Dermatophagoides farinae	Walnut
<i>Cladosporium herbarum</i>	Dermatophagoides pteronyssinus	<input type="checkbox"/> Weed Panel (RAP13)
<i>Mucor racemosus</i>	Dog Dander	Common Ragweed
<i>Penicillium notatum</i>	Elm	English Plantain
<input type="checkbox"/> Mountain West Panel (MTWST)	Maple (Box Elder)	Goldenrod
Grey Alder	Mountain Juniper	Lamb's Quarter
Alternaria alternata	Penicillium chrysogenum	Mugwort
Bermuda Grass	Timothy Grass	Pigweed
Common Silver Birch	Oak	Sheep Sorrel
Cat Dander	Cockroach, German	Sweet Vernal Grass
Cockroach, German		
Cottonwood		<input type="checkbox"/> Weed Panel (RAP13)
Dermatophagoides farinae	<input type="checkbox"/> Respiratory Allergy Profile Region VII: MI, MN, WI (Panel B) (MWMPB) (must order both A & B)	Common Ragweed
Dog Dander	Mouse Urine Proteins	English Plantain
Maple (Box Elder)	Mulberry	Goldenrod
Mugwort (sagebrush)	Nettle	Lamb's Quarter
Common Pigweed	Common Ragweed (short)	Mugwort
Redtop, Bentgrass	Rough Marsh elder	Pigweed
Saltwort, Russian Thistle	Saltwort, Russian Thistle	Sheep Sorrel
<input type="checkbox"/> Nut Panel (RAP22)	White Ash	
Almond	IgE	
Brazil Nut		
Cashew	<input type="checkbox"/> Seafood Panel (RAP11)	
Hazelnut	Codfish	
Macadamia Nut	Crab	
Peanut	Mussel	
Pecan	Salmon	
Pine Nut, Pignoles	Shrimp	
Pistachio	Tuna	
Sweet Chestnut		
Walnut		
Milk		
Peanut		
Soybean		
Wheat		