

# 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)
- Rabbit Epithelium (E82)
- Rat Epithelium (E73)
- Rat Serum Protein (E75)
- Rat Urine Protein (E74)
- Sheep Epithelium (E81)
- 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

- 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  
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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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**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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<input type="checkbox"/> Allergen Profile w/IgE, Rsp -Area 8 (IA, IL, MO) (APR8)	<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 15 (South ID, NV) (APR15)	<input type="checkbox"/> 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	<input type="checkbox"/> Allergen Profile w/IgE, Rsp - Area 16 (WA, OR) (APR16)	<input type="checkbox"/> Animal Panel (RAP3)
	Grey Alder	Cat Dander
	Alternaria alternata	Cow Dander
	Aspergillus fumigatus	Dog Dander
	Common Silver Birch	Duck Feathers
	Cat Dander	Goose Feathers
	Cladosporium herbarum	Horse Dander
	Cockroach, German	<input type="checkbox"/> Bee Venom (RAP12)
	Cottonwood	Honeybee
	Dermatophagoides pteronyssinus	Paper Wasp
	Dermatophagoides farinae	White-Faced Hornet
	Dog Dander	Yellow Hornet
	Maple (Box Elder)	Yellow Jacket
	Elm	
	Mountain Juniper	<input type="checkbox"/> Childhood Allergy Panel (CAP)
	Mouse Urine Proteins	Alternaria Alternata
	Mugwort (sagebrush)	Cat Dander
	Oak	Cladosporium herbarum
	Penicillium chrysogenum	Cockroach, German
	Common Pigweed	Cod
	Saltwort, Russian Thistle	Cow's Milk
	Sheep Sorrel	Dermatophagoides farinae
	Timothy Grass	Dermatophagoides Pteronyssinus
	IgE	Dog Dander
		Egg White
		IgE
		Mouse Urine Proteins
		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 (PNTP)	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		

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