

# ImmunoCAP<sup>®</sup> IgE Testing



BayCare Laboratories offers ImmunoCAP, a reliable blood test for measuring allergen-specific IgE. This testing provides clinical information to help health care providers differentiate allergy-like symptoms from true allergies. It also has an important role in identifying allergy triggers in patients diagnosed with asthma.

Positive identification of allergen sensitivities is an important step before putting environmental controls in place, and is helpful in selecting proper medication to help manage symptoms. Likewise, negative test results help avoid unnecessary, ineffective and costly treatment.

BayCare Laboratories offers various panels targeted at environmental and food triggers, with additional component testing for peanut, milk and egg allergies. Allergens can be ordered individually, or as panel with or without reflex options for additional testing.

## ImmunoCAP Panel Names:

- Florida Subtropical Allergy Panel IgE
- Childhood Panel IgE
- Childhood Panel IgE w/Reflex
- Food Allergy Panel IgE
- Food Allergy Panel IgE w/Reflex
- Egg w/Reflex to Component Panel
- Milk w/Reflex to Component Panel
- Peanut w/Reflex to Component Panel

For more information: [BayCareLabs.org](http://BayCareLabs.org) or (800) 324-7853



## General Allergy Profiles

### Childhood Panel IgE Age 6 months and older

Collect: SST/Gold  
Minimum volume: 4ml whole blood

*Alternaria alternata*  
Cat dander  
*Cladosporium herbarum*  
Cockroach  
Codfish  
*D. farina* (mite)  
*D. pteronyssinus* (mite)  
Dog dander  
Egg white  
Milk (cow's milk)  
Mouse urine proteins  
Peanut  
Shrimp  
Soybean  
Walnut  
Wheat  
Total IgE

### Childhood Panel IgE w/Reflex Age 6 months and older

Collect: SST/Gold  
Minimum volume: 7ml serum separator

If sensitization occurs for egg white, milk or peanut in the childhood allergy panel, then component testing for the allergen(s) will be performed.

## Food Allergy Profiles

### Food Allergy Panel IgE

Collect: SST/Gold  
Minimum volume: 5ml whole blood

Almond  
Cashew  
Codfish  
Egg white  
Hazelnut  
Milk (cow's milk)  
Peanut  
Salmon  
Scallop  
Sesame  
Shrimp  
Soybean  
Tuna  
Walnut  
Wheat  
Total IgE

### Food Allergy Panel IgE w/Reflex

Collect: SST/Gold  
Minimum volume: 5ml whole blood

If sensitization occurs for egg white, milk or peanut in the food allergy panel, then component testing for the allergen(s) will be performed.

### Egg w/Reflex to Component Panel

Collect: SST/Gold  
Minimum volume: 2ml whole blood

Ovalbumin Allergen IgE  
Ovomucoid Allergen IgE

### Peanut w/Reflex to Component Panel

Collect: SST/Gold  
Minimum volume: 2ml whole blood

Peanut ARA H1 Allergen IgE  
Peanut ARA H2 Allergen IgE  
Peanut ARA H3 Allergen IgE  
Peanut ARA H8 Allergen IgE  
Peanut ARA H9 Allergen IgE

## Milk w/Reflex to Component Panel

Collect: SST/Gold  
Minimum volume: 2ml whole blood

Alpha Lactalbumin Allergen IgE  
Beta Lactoglobulin Allergen IgE  
Casein Allergen IgE

## Respiratory Profile

### Florida Subtropical Allergy Panel IgE (Region IV: Florida, south of Orlando)

Collect: SST/Gold  
Minimum volume: 5ml whole blood

*Alternaria alternata*  
*Aspergillus fumigatus*  
Bahia grass  
Bermuda grass  
*Blomia tropicalis*  
Cat dander  
*Cladosporium herbarum*  
Cockroach  
*D. farina* (mite)  
*D. pteronyssinus* (mite)  
Dog dander  
Elm (*Ulmus americana*)  
Maple (box elder, acer negindo)  
*Penicillium notatum*  
Mountain cedar (*Juniperus sabinoides*)  
Mouse urine proteins  
Nettle (*Urtica dioica*)  
Oak (*Quercus alba*)  
Pigweed (*Amaranthus retroflexus*)  
Ragweed  
Sheep sorrel (*Rumex acetosella*)  
Timothy Grass  
Total IgE



## New Panels with Reflex

### Tree Nut Panels

Tree Nut Panel w/ Reflex	
Brazilian Nut	
Brazil nut BER E1	
Peanut	
Peanut RARA H6	
Cashew	
Cashew ANA O3	
Walnut	
Walnut JUG R1 Walnut JUG R3	
Hazelnut	
Hazelnut COR A1 Hazelnut COR A8 Hazelnut COR A9 Hazelnut COR A14	
Almond	
Pistachio	
Pecan Nut	
MUXF3 BET V2	<i>components w/ no parent allergen</i>

Brazilian Nut w/ Reflex
Brazilian Nut
Brazil nut BER E1

Cashew w/ Reflex
Cashew
Cashew ANA O3

Walnut w/ Reflex
Walnut
Walnut JUG R1 Walnut JUG R3

Hazelnut w/ Reflex
Hazelnut
Hazelnut COR A1 Hazelnut COR A8 Hazelnut COR A9 Hazelnut COR A14

Walnut Component Panel
Walnut JUG R1 Walnut JUG R3

Hazelnut Component Panel
Hazelnut COR A1 Hazelnut COR A8 Hazelnut COR A9 Hazelnut COR A14

CCD & Profilin Cross-Reactivity Panel
MUXF3 BET V2
Cross-reactive Carbohydrate Determinant (CCD)

Tree Nut Panel	
Brazilian Nut	
Peanut	
Cashew	
Walnut	
Hazelnut	
Almond	
Pistachio	
Pecan Nut	
MUXF3 BET V2	<i>components w/ no parent allergen</i>

## New Panels with Reflex

### Pet Dander Panels

<b>Pet Dander w/ Reflex</b>
<b>Cat Dander</b>
CAT FEL D1 CAT FEL D2 CAT FEL D4 CAT FEL D7
<b>Dog Dander</b>
Dog CAN F1 Dog CAN F2 Dog CAN F3 Dog CAN F4 Dog CAN F5 Dog CAN F6
<b>Horse Dander</b>
Horse EQU C1

<b>Cat Dander w/ Reflex</b>
<b>Cat Dander</b>
CAT FEL D1 CAT FEL D2 CAT FEL D4 CAT FEL D7

<b>Dog Dander w/ Reflex</b>
<b>Dog Dander</b>
Dog CAN F1 Dog CAN F2 Dog CAN F3 Dog CAN F4 Dog CAN F5 Dog CAN F6

<b>Horse Dander w/ Reflex</b>
<b>Horse Dander</b>
Horse EQU C1

<b>Cat Dander Component</b>
CAT FEL D1 CAT FEL D2 CAT FEL D4 CAT FEL D7

<b>Dog Dander Component</b>
Dog CAN F1 Dog CAN F2 Dog CAN F3 Dog CAN F4 Dog CAN F5 Dog CAN F6

## Stinging Insect Panels

Stinging Insects w/ Reflex
Honeybee
Honeybee API M1 Honeybee API M2 Honeybee API M3 Honeybee API M5 Honeybee API M10
Common Wasp
Common Wasp VES V1 Common Wasp VES V5
Paper Wasp
Paper Wasp POL D5
White Faced Hornet
Yellow Hornet
Fire Ant

Honeybee w/ Reflex
Honeybee
Honeybee API M1 Honeybee API M2 Honeybee API M3 Honeybee API M5 Honeybee API M10

Common Wasp w/ Reflex
Common Wasp
Common Wasp VES V1 Common Wasp VES V5

Paper Wasp w/ Reflex
Paper Wasp
Paper Wasp POL D5

Honeybee Component
Honeybee API M1 Honeybee API M2 Honeybee API M3 Honeybee API M5 Honeybee API M10

Common Wasp Component
Common Wasp VES V1 Common Wasp VES V5

Stinging Insects Panel
Honeybee
Common Wasp
Paper Wasp
White Faced Hornet
Yellow Hornet
Fire Ant