

Serum		ALLERGY		SENSITIVITY				
Group	Allergens	IgE Results (U/mL)	IgE Low Range (U/mL)	IgG4 Results (U/mL)	IgG4 Low Range (U/mL)	IgG Results (U/mL)	IgG Low Range (U/mL)	C3 b/d Results
Beans,Legumes, Nuts,Seeds	Almond	2.18	=1.00	2.90	=1.00	6.64	=1.60	Not Detected
	Bean, Common Mix	1.13	=2.00	<1.00	=1.00	5.30	=10.50	Not Detected
	Brazil Nut	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Cashew	26.42	=1.00	19.05	=1.00	29.01	=2.00	Not Detected
	Cottonseed	<1.00	=1.00	<1.00	=1.00	1.08	=1.50	Not Detected
	Flax	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Hazelnut	<1.00	=1.00	<1.00	=1.00	2.22	=1.60	Not Detected
	Mustard Seed	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Pea, Green	<1.00	=1.00	<1.00	=1.00	1.45	=1.50	Not Detected
	Peanut	<1.00	=1.00	<1.00	=1.00	3.63	=1.50	Not Detected
	Pecan	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Sesame Seed	<1.00	=1.00	<1.00	=1.00	2.35	=1.50	Not Detected
	Soybean	<1.00	=1.00	<1.00	=1.00	2.95	=1.50	Not Detected
	Walnut, English	<1.00	=1.00	1.18	=1.00	3.28	=3.00	Not Detected
Dairy,Meat, Poultry	Beef	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Casein	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Chicken	<1.00	=1.00	<1.00	=1.00	3.44	=1.50	Not Detected
	Egg White, Chicken	33.58	=7.50	13.81	=2.50	30.58	=12.50	Not Detected
	Egg Yolk, Chicken	62.35	=3.50	17.43	=3.00	53.64	=20.00	Detected
	Lamb	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Milk, Cow	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Milk, Goat	<1.00	=1.00	<1.00	=1.00	<1.00	=1.65	Not Detected
	Pork	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Turkey	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
Fish,Shellfish	Fish, Mackerel	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Fish, Salmon	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Shellfish Mix	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Fish, Tuna	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Fish, Whitefish Mix	<1.00	=1.00	<1.00	=1.00	3.55	=1.50	Not Detected
Fruits, Vegetables	Apple	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Apricot	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Asparagus	<1.00	=1.00	<1.00	=1.00	1.05	=1.50	Not Detected
	Avocado	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected

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Physician:Dr. Infinite
 Clinic:Infinite Allergy Labs
 Address: 3885 Crestwood
 Parkway NW Duluth GA 30096
 Phone: 678-971-5256
 Medical Lab Director:
 Dr. Faheem Taha, M.D,PhD, FACSc

Serum

		ALLERGY		SENSITIVITY				
Group	Allergens	IgE Results (U/mL)	IgE Low Range (U/mL)	IgG4 Results (U/mL)	IgG4 Low Range (U/mL)	IgG Results (U/mL)	IgG Low Range (U/mL)	C3 b/d Results
Fruits, Vegetables	Banana	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Blueberry	<1.00	=1.00	<1.00	=1.00	<1.00	=2.00	Not Detected
	Broccoli	<1.00	=1.00	<1.00	=1.00	<1.00	=2.00	Not Detected
	Cabbage	<1.00	=1.00	<1.00	=1.00	<1.00	=2.00	Not Detected
	Cantaloupe	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Carrot	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Cauliflower	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Celery	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Cherry	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Coconut	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Corn, Sweet	<1.00	=1.00	<1.00	=1.00	4.07	=3.00	Not Detected
	Cranberry	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Cucumber	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Grape, White	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Grapefruit	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Lemon	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Lettuce	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Olive, Green	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Onion	1.53	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Orange	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Peach	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Pear	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Pepper, Green Bell	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Pineapple	<1.00	=1.00	1.40	=1.00	2.27	=2.20	Not Detected
	Plum	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Potato, Sweet	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Potato, White	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Raspberry	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Spinach	<1.00	=1.00	<1.00	=1.00	4.21	=2.00	Not Detected
	Squash Mix	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Strawberry	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Tomato	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Watermelon	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected

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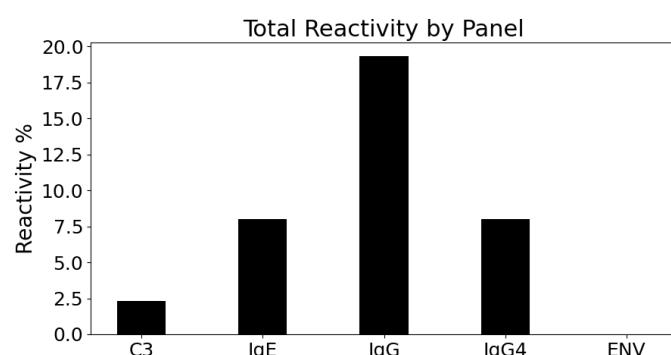


Physician:Dr. Infinite
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Grains	Barley	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Buckwheat	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Gluten	1.11	=2.00	<1.00	=1.00	8.01	=14.00	Not Detected
	Malt	<1.00	=1.00	<1.00	=1.00	1.40	=1.50	Not Detected
	Oats	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Rice	<1.00	=1.00	<1.00	=1.00	2.01	=4.00	Not Detected
	Rye	<1.00	=1.00	<1.00	=1.00	<1.00	=2.50	Not Detected
	Wheat, Whole Grain	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
Herbs,Spices, Beverages	Cinnamon	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Cocoa Bean	<1.00	=1.00	<1.00	=1.00	<1.00	=1.70	Not Detected
	Coffee	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Garlic	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Ginger	<1.00	=1.00	<1.00	=1.00	5.27	=1.50	Not Detected
	Hops	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Nutmeg	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Pepper, Black	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Tea, Black	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
Mold,Fungi	Vanilla	<1.00	=1.00	<1.00	=1.00	<1.00	=1.50	Not Detected
	Aspergillus Mix	<1.00	=1.00	<1.00	=1.00	<1.00	=3.70	Not Detected
	Candida	1.32	=1.00	1.50	=1.00	44.05	=14.00	Detected
	Mushroom	<1.00	=1.00	<1.00	=1.00	<1.00	=3.00	Not Detected
	Yeast	1.37	=1.00	<1.00	=1.00	7.87	=2.50	Not Detected

Mixes:

- * Aspergillus Mix: Aspergillus flavus, Aspergillus fumigatus, Aspergillus nidulans, Aspergillus niger
- * Bean, Common Mix: Kidney Bean, Navy Bean, String Bean
- * Fish, Whitefish Mix: Cod, Flounder, Halibut
- * Gluten (Gliadin): Alpha-Gliadin, Gamma-Gliadin, Omega-Gliadin
- * Shellfish Mix: Crab, Lobster, Oyster, Shrimp, Scallop
- * Squash Mix: Yellow Squash, Zucchini Squash



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Medical Lab Director:
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Glossary

The Comprehensive Food Allergy and Sensitivity Test is designed to show how ingested foods/beverages could be causing a response within your immune system.

IgE (Immunoglobulin E) are antibodies the body produces in response to an allergic reaction to foods and/or beverages that occur within a few minutes to hours of ingesting the triggering food and/or beverage (allergen). Elevated IgE levels in the blood can be a sign that a patient's body is reacting to an allergen, present in the body also known as "allergic reaction" that generates more serious symptoms. The response also stimulates the release of histamines in the body. Some key symptoms of IgE mediated response include: Itching, sneezing, hives, coughing, difficulty breathing and even anaphylaxis in extreme cases.

IgG (Immunoglobulin G) is the antibody response that causes food sensitivities with a delayed reaction of 3-72 hours. These sensitivities can improve and may be less severe than IgE reactions. IgG signifies intolerance to a certain food type and the allergy. High IgG antibodies for given foods suggest that it may be causing the symptoms. Symptoms of IgG-mediated food intolerance can be general or specific and may show up many hours or up to 3 days after consumption of a "trigger food", making the culprits extremely difficult to identify without testing. In general, you may feel fatigued and easily exhausted despite eating all the right "healthy" foods, or you may even suffer from Chronic Fatigue Syndrome which can lead to depressive symptoms. Conditions associated with IgG food sensitivities include: irritable bowel syndrome (IBS), major depressive disorder, migraines, skin rashes such as eczema, joint aches, autoimmune disease, Crohn's disease, obesity, etc.

IgG4 (Immunoglobulin G subclass) food antibodies are the complement to the IgE antibody response. They are produced in a delayed hypersensitivity reaction, which can occur days after exposure to certain foods. IgG4 acts as a blocking antibody to the allergy producing IgE antibody. IgG4 blocks an allergic response which helps to build a tolerance to ingested food causing an allergic reaction. Although IgG4 blocks an allergic response, when high it can also cause an inflammatory response in the body due to an overproduction of histamines.

Complement components C3b and C3d are the complement proteins that bind to IgG antibodies. The Infinite C3b/d Food Sensitivity Panel measures these proteins as they are known to increase the IgG sensitivity reactions augmenting symptoms and inflammation. When C3b/d complement component proteins are detected in response to an allergen, especially in conjunction with detection of IgG antibodies to the same food, it is suggested to eliminate that food to aid in ameliorating symptoms, as IgG with C3b/d are responsible for the most aggressive symptoms.

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The Comprehensive Food Allergy and Sensitivity Test will determine which foods stimulate the immune system to elicit a response. The summary of foods to eliminate are listed below.

Patients are advised to check with their physician prior to initiating any diet changes. These recommendations are based only on these test results. These suggestions do not take into consideration any other conditions a patient may have that would require additional dietary restrictions.

Dietary Restrictions

Patients with symptoms are advised to remove all high and moderate reactions from their diet

Eliminate highly reactive foods (Patients with milder symptoms)

Cashew
Egg Yolk, Chicken
Ginger
Candida

Eliminate moderately reactive foods (Patients with severe symptoms)

Spinach
Fish, Whitefish Mix
Soybean
Egg White, Chicken
Hazelnut
Pineapple
Corn, Sweet
Onion
Almond
Chicken
Peanut
Sesame Seed
Walnut, English
Yeast

Edible foods (Patients with less symptoms)

Broccoli
Bean, Common Mix
Blueberry
Carrot
Grape, White

Rice
Cranberry
Flax
Milk, Goat
Rye
Fish, Mackerel
Grapefruit
Lettuce
Pork
Wheat, Whole Grain
Brazil Nut
Casein
Beef
Cottonseed
Asparagus
Cauliflower
Orange
Hops
Aspergillus Mix
Raspberry
Cantaloupe
Strawberry
Olive, Green
Tea, Black
Oats
Cabbage
Vanilla
Cherry
Buckwheat
Lemon
Nutmeg

Pear
Apple
Pepper, Green Bell
Gluten
Coconut
Potato, White
Malt
Turkey
Cocoa Bean
Cucumber
Mushroom
Fish, Tuna
Garlic
Pea, Green
Coffee
Fish, Salmon
Squash Mix
Peach
Watermelon
Pecan
Avocado
Banana
Celery
Plum
Potato, Sweet
Mustard Seed
Lamb
Milk, Cow
Cinnamon
Barley
Pepper, Black

Tomato
Apricot
Shellfish Mix

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 Medical Lab Director:
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ENVIRONMENTAL			
Group	Allergen	IgE Results (U/mL)	IgE Low Range (U/mL)
Animal	Cat	<1.00	=1.00
	Dog	<1.00	=1.00
	Feather Mix	<1.00	=1.00
	Horse	<1.00	=1.00
	Rabbit	<1.00	=1.00
Insect/Mite	Cockroach, American	<1.00	=1.00
	Cockroach, German	<1.00	=1.00
	Dust Mites Mix	<1.00	=1.00
Mold/Fungus	Acremonium strictum	<1.00	=2.00
	Alternaria alternata	<1.00	=1.00
	Aureobasidium pullulans	1.11	=1.00
	Bipolaris sorokiniana	<1.00	=1.00
	Botrytis cinerea	<1.00	=1.00
	Chaeromium globosum	<1.00	=1.00
	Cladosporium cladosporioides	<1.00	=1.00
	Cladosporium herbarum	1.08	=2.00
	Drechslera spicifera	<1.00	=1.00
	Epicoccum nigrum	<1.00	=1.00
	Fusarium moniliforme	<1.00	=1.00
	Fusarium roseum	<1.00	=1.00
	Fusarium solani	<1.00	=2.00
	Mucor plumbeus	<1.00	=1.00
	Mucor racemosus	<1.00	=1.00
	Penicillium notatum	<1.00	=2.00
	Phoma Betae	<1.00	=1.50
	Rhizopus oryzae	<1.00	=1.50
	Rhizopus Stolonifer	<1.00	=1.00
	Rhodotorula mucilaginosa	<1.00	=1.00
	Trichoderma harzianum	<1.00	=1.00
	Trichophyton mentagrophytes	<1.00	=1.00
Pollen,Crops	Alfalfa (Pollen)	<1.00	=1.00
	Corn (Pollen)	<1.00	=1.00

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ENVIRONMENTAL			
Group	Allergen	IgE Results (U/mL)	IgE Low Range (U/mL)
Pollen, Grass	Wheat (Pollen)	<1.00	=1.00
	Bahia	<1.00	=1.00
	Bermuda	1.85	=1.00
	Brome	<1.00	=1.00
	Johnson	<1.00	=1.00
	June (Kentucky Blue)	<1.00	=1.00
	Orchard	2.41	=1.00
	Redtop (Bentgrass)	<1.00	=1.00
	Rye, Perennial	1.28	=1.00
	Sweet Vernal	<1.00	=1.00
Pollen, Tree	Timothy	3.25	=1.00
	Acacia	<1.00	=1.00
	Alder, White	<1.00	=1.00
	Ash, Arizona (Velvet)	<1.00	=1.00
	Ash, White	<1.00	=1.00
	Beech, American	<1.00	=1.00
	Birch, Black-Sweet	<1.00	=1.00
	Birch, Red (River)	<1.00	=1.00
	Birch, White	<1.00	=1.00
	Box Elder	<1.00	=1.00
	Cedar, Mountain	<1.00	=1.00
	Cedar, Red	<1.00	=1.00
	Cottonwood, Eastern (Common)	1.27	=1.00
	Cottonwood, Western	3.68	=1.00
	Elm, American	1.15	=1.00
	Hickory, Shagbark	<1.00	=1.00
	Juniper, Western	<1.00	=1.00
	Maple, Red	1.17	=1.00
	Maple, Silver	1.16	=1.00
	Maple, Sugar	1.65	=1.00
	Mulberry Mix	1.48	=1.00
	Oak, Red	<1.00	=1.00
	Oak, Virginia Live	<1.00	=1.00

Reaction Classification Key

LOW	A "low" result indicates there is little to no allergy/sensitivity to the allergen.
MODERATE	A "moderate" result indicates there is a moderate allergy/sensitivity to the allergen.
HIGH	A "high" result indicates there is a severe allergy/sensitivity to the allergen.

CLIA License #: 11D2289301 COLA Accredited

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Patient Name: Sample Report
 DOB: 07/01/2020
 Sample ID #: 20250202002-1
 Phone #: 678-971-5256
 E-Mail: support@infiniteallergy labs.com
 Collection Date: 02/01/2025
 Report Date: 02/05/2025
 Received Date: 02/02/2025



Physician:Dr. Infinite
 Clinic:Infinite Allergy Labs
 Address: 3885 Crestwood
 Parkway NW Duluth GA 30096
 Phone: 678-971-5256
 Medical Lab Director:
 Dr. Faheem Taha, M.D,PhD, FACSc

ENVIRONMENTAL			
Group	Allergen	IgE Results (U/mL)	IgE Low Range (U/mL)
Pollen,Tree	Oak, White	<1.00	=1.00
	Palm, Queen	<1.00	=1.00
	Pecan, Pollen	<1.00	=1.00
	Pine, White (Eastern)	<1.00	=1.00
	Pine, Yellow	<1.00	=1.00
	Poplar, White	2.28	=1.00
	Sweet Gum	<1.00	=1.00
	Sycamore, American (Eastern)	<1.00	=1.00
	Walnut, Black	1.20	=1.00
	Willow, Black	<1.00	=1.00
Pollen,Weed	Dandelion	1.04	=1.00
	Dog Fennel	<1.00	=1.00
	Goldenrod	<1.00	=1.00
	Lambs Quarters	1.02	=1.00
	Mugwort	<1.00	=1.00
	Nettle	<1.00	=1.00
	Pigweed, Rough Redroot	1.67	=1.50
	Pigweed, Spiny	1.29	=1.00
	Plantain, English	1.73	=1.00
	Ragweed (Mixed)	<1.00	=1.00
	Rumex spp. mix (Yellow Dock, Sheep Sorrel)	<1.00	=1.00
	Sagebrush, Common	<1.00	=1.00
	Thistle, Russian (Tumbleweed)	1.95	=1.00

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Glossary

IgE Environmental

Allergy is defined as "a hypersensitivity reaction mediated by immunological mechanisms" which can be antibody or cell-mediated. In the majority of cases, the antibody typically responsible for an allergic reaction belongs to the IgE isotype and individuals may be referred to as suffering from an IgE-mediated allergic disease, e.g IgE-mediated asthma.

The immune response in allergy begins with sensitization. When, for example, house dust mite and pollen allergens are inhaled, antigen presenting cells in the epithelium lining of the airways of the lungs and nose internalize, process and then express these allergens on their cell surface. The allergens are then presented to other cells involved in the immune response, particularly T-lymphocytes. Production of allergen-specific IgE antibodies completes the immune response known as sensitization. Upon re-exposure, binding of the allergen to IgE orchestrates the immune system to initiate a more aggressive and rapid memory response. IgE-mediated allergic response causes mild to severe symptoms like, "hives", tearing and redness of the eye, lip, and swelling of tongue, trouble speaking, trouble inhaling, nausea, vomiting, abdominal pain, weak pulse, loss of consciousness, anxiety, agitation, etc.

The measurement of allergen specific IgE antibodies in serum is of similar diagnostic value to that of skin tests but has a much higher reproducibility and is not influenced by ongoing symptoms or treatment, e.g. antihistamines or anti-inflammatory therapy. In some instances, especially in food allergic individuals where, in rare cases, even skin prick testing with minute amounts of allergen might cause anaphylactic reaction, invitro tests using blood samples is a safe method to determine levels of specific IgE antibodies. In-vitro tests are also preferred for individuals who have widespread eczema, which precludes skin prick testing. The general availability of well-standardized in-vitro allergy tests has greatly improved the quality of allergy diagnosis & treatment.

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