Patient Name: Sample Report
DOB: 07/01/2020
Sample ID #: 20250413101-1
Phone #: 678-971-5256
E-Mail: support@infiniteallergylabs.com
Collection Date: 02/01/2025
Report Date: 02/09/2025
Received Date: 02/08/2025

INFINITE ALLERGY LABS

Healthcare Provider:Dr. Infinite
Clinic:Infinite Allergy Labs
Address: 5555 Oakbrook Pkwy
Norcross GA 30093
Phone: 678-971-5256
Medical Lab Director:
Jennifer Knaack, Ph.D., TC (NRCC)

Serum

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	1.08	=5.00
	Alternaria alternata	<1.00	=1.00
	Aureobasidium pullulans	1.33	=2.00
	Bipolaris sorokiniana	<1.00	=1.00
	Botrytis cinerea	<1.00	=3.00
	Chaeromium globosum	<1.00	=1.00
	Cladosporium cladosporioides	<1.00	=1.00
	Cladosporium herbarum	3.41	=4.00
	Drechslera spicifera	<1.00	=1.00
	Epicoccum nigrum	1.73	=1.00
	Fusarium moniliforme	<1.00	=3.00
	Fusarium roseum	<1.00	=1.00
	Fusarium solani	1.61	=5.00
	Mucor plumbeus	<1.00	=1.00
	Mucor racemosus	<1.00	=1.00
	Penicillium notatum	<1.00	=1.00
	Phoma Betae	4.01	=3.00
	Rhizopus oryzae	<1.00	=2.50
	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

Reaction Classification Key

LOW	"Low" result indicates there is possibly little to no allergy/sensitivity to the allergen.
MODERATE	"Moderate" result indicates there is possibly a moderate allergy/sensitivity to the allergen.
HIGH	"High" result indicates there is possibly a severe allergy/sensitivity to the allergen.

CLIA License #: 11D2142105 COLA Accredited

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5555 Oakbrook Pkwy Building 100 STE # 140 Norcross, GA 30093 Tel: 678-971-5256 and 770-727-0093 Fax: 678-905-1495 info@infiniteallergylabs.com www.infiniteallergylabs.com

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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	<1.00	=1.00
	Brome	<1.00	=1.00
	Johnson	1.41	=1.00
	June (Kentucky Blue)	<1.00	=1.00
	Orchard	<1.00	=1.00
	Redtop (Bentgrass)	<1.00	=1.00
	Rye, Perinnial	<1.00	=1.00
	Sweet Vernal	<1.00	=1.00
	Timothy	1.23	=1.00
Pollen,Tree	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)	1.75	=1.00
	Cottonwood, Western	<1.00	=1.00
	Elm, American	<1.00	=1.00
	Hickory, Shagbark	<1.00	=1.00
	Juniper, Western	<1.00	=1.00
	Maple, Red	<1.00	=1.00
	Maple, Silver	<1.00	=1.00
	Maple, Sugar	<1.00	=1.00
	Mulberry Mix	<1.00	=1.00
	Oak, Red	<1.00	=1.00
	Oak, Virginia Live	<1.00	=1.00

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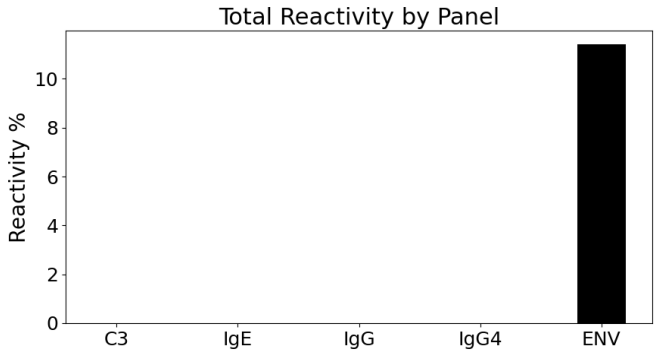
Pollen,Tree	Oak, White	<1.00	=1.00
	Palm, Queen	<1.00	=1.00
	Pecan, Pollen	<1.00	=1.00
	Pine, White (Eastern)	<1.00	=1.00
	Pine, Yellow	<1.00	=1.00
	Poplar, White	1.81	=1.00
	Sweet Gum	<1.00	=1.00
	Sycamore, American (Eastern)	<1.00	=1.00
	Walnut, Black	<1.00	=1.00
	Willow, Black	<1.00	=1.00
Pollen,Weed	Dandelion	<1.00	=1.00
	Dog Fennel	<1.00	=1.00
	Goldenrod	<1.00	=1.00
	Lambs Quarters	<1.00	=1.00
	Mugwort	<1.00	=1.00
	Nettle	<1.00	=1.00
	Pigweed, Rough Redroot	1.63	=1.50
	Pigweed, Spiny	3.01	=2.00
	Plantain, English	<1.00	=1.00
	Ragweed (Mixed)	<1.00	=1.00
	Rumex spp. mix (Yellow Dock, Sheep Sorrel)	1.19	=1.00
	Sagebrush, Common	<1.00	=1.00
	Thistle, Russian (Tumbleweed)	2.19	=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 beings 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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