ALLETESS MEDICAL LABORATORY

PATIENT INFORMATION Sample Patient DOB: 00/00/0000

SPECIMEN TYPE: Serum

PROVIDER INFORMATION
Sample Provider
Street Address

COLLECTION DATE: 00/00/0000

REQUISITION ID: 000000 Street Address City, State 00000 Regional Screen - Central Plains (25)

IMMUNOGLOBULIN TEST	SCORE	UNITS	RESULT	NORMAL RANGE
Total IgE	15.00	kU/L	Normal	0 -123

Alternaria alternata < 0.10 0 Aspergillus fumigatus < 0.10 0 Bahia grass < 0.10 0 Bald cypress < 0.10 0 Bermuda grass < 0.10 0 Cat dander < 0.10 0 Cladosporium herbarum < 0.10 0 Cocklebur < 0.10 0 Cockroach 0.40 1 Common pigweed < 0.10 0 D. farinae < 0.10 0 Dog dander < 0.10 0 Elm < 0.10 0 Giant ragweed < 0.10 0 House Dust (H.S.) < 0.10 0 Johnson grass < 0.10 0 Kentucky Blue Grass 0.55 1 Maple < 0.10 0 Mountain cedar 0.42 1 Pecan, Hickory < 0.10 0 Stemphylium herbarum (S. < 0.10 0 botryosum) White ash < 0.10 0 Yellow dock < 0.10 0	ALLERGEN (IgE)	SCORE	CLASS
Bahia grass <0.10	Alternaria alternata	< 0.10	0
Bald cypress <0.10	Aspergillus fumigatus	< 0.10	0
Bermuda grass <0.10	Bahia grass	< 0.10	0
Cat dander <0.10	Bald cypress	< 0.10	0
Cladosporium herbarum <0.10	Bermuda grass	< 0.10	0
Cocklebur <0.10	Cat dander	< 0.10	0
Cockroach 0.40 1 Common pigweed <0.10	Cladosporium herbarum	< 0.10	0
Common pigweed <0.10	Cocklebur	< 0.10	0
D. farinae <0.10	Cockroach	0.40	1
Dog dander	Common pigweed	< 0.10	0
Elm	D. farinae	< 0.10	0
Giant ragweed <0.10 0 House Dust (H.S.) <0.10 0 Johnson grass <0.10 0 Kentucky Blue Grass 0.55 1 Maple <0.10 0 Mountain cedar 0.42 1 Pecan, Hickory <0.10 0 Penicillium chrysogenum <0.10 0 Stemphylium herbarum (S. <0.10 0 botryosum) White ash <0.10 0	Dog dander	< 0.10	0
House Dust (H.S.) <0.10 0 Johnson grass <0.10 0 Kentucky Blue Grass 0.55 1 Maple <0.10 0 Mountain cedar 0.42 1 Pecan, Hickory <0.10 0 Penicillium chrysogenum <0.10 0 Stemphylium herbarum (S. <0.10 0 botryosum) White ash <0.10 0	Elm	< 0.10	0
Johnson grass <0.10	Giant ragweed	< 0.10	0
Kentucky Blue Grass 0.55 1 Maple <0.10	House Dust (H.S.)	< 0.10	0
Maple <0.10	Johnson grass	< 0.10	0
Mountain cedar0.421Pecan, Hickory<0.10	Kentucky Blue Grass	0.55	1
Pecan, Hickory <0.10 0 Penicillium chrysogenum <0.10 0 Stemphylium herbarum (S. <0.10 0 botryosum) White ash <0.10 0	Maple	< 0.10	0
Penicillium chrysogenum <0.10 0 Stemphylium herbarum (S. <0.10 0 botryosum) White ash <0.10 0	Mountain cedar	0.42	1
Stemphylium herbarum (S. <0.10 0 botryosum) White ash <0.10 0	Pecan, Hickory	< 0.10	0
botryosum) White ash <0.10 0	Penicillium chrysogenum	< 0.10	0
White ash <0.10 0	Stemphylium herbarum (S.	< 0.10	0
	botryosum)		
Yellow dock <0.10 0	White ash	< 0.10	0
	Yellow dock	< 0.10	0

IgE Ranges kUA/I
< 0.10 = 0
0.10 - 0.34 = 0/1
0.35 - 0.69 = 1
0.70 - 3.49 = 2
3.50 – 17.49 = 3
17.50 - 49.99 = 4
50.00 - 99.99 = 5
> 100 = 6

PHONE: 800.225.5404 or 781.871.4426

REPORT DATE: 00/00/0000

FAX: 781.871.4182 | www.foodallergy.com

Ranges are reflective of increasing concentrations of allergen specific IgE.

- The presence of allergen-specific IgE indicates that an individual is 'sensitized' to a particular allergen and may react with clinical symptoms upon exposure to the specific allergen.
- These IgE mediated regional allergens are commonly found and consist of trees, grasses, weeds, and insects. These allergens can cause significant physical symptoms and discomfort within large groups of population.
- Although these allergens are of diverse origins, many are aeroallergens and cause similar symptoms such as rhinitis, hay fever, and asthmatic symptoms. Some of these allergens cause contact dermatitis.
- Allergens can share proteins or components with other allergens that have similar protein structures or chemical properties, and this is called cross reactivity. The human immune system can react with an antibody response to different allergens with similar proteins or components.
- Diagnostic features of an IgE-mediated allergy include sensitization to a specific allergen and an individual's clinical history of allergic symptoms on exposure to that allergen. A negative immunoassay laboratory test result especially in an individual with a strongly suggestive clinical and symptomatic history does not rule out allergy and further evaluation should be considered.