ALLETESS
MEDICAL LABORATORY
The first step... Alletess

CLIA #22D0080258
14 Howard Street, Rockland, MA 02370

PHONE: 800.225.5404 or 781.871.4426
FAX: 781.871.4182 | www.foodallergy.com

PATIENT INFORMATION
[illegible]
[illegible]/0000
REQUISITION ID: 000000

PROVIDER INFORMATION
Sample Provider
Street Address
City, State 00000

Regional Screen - Central Plains (25)

SPECIMEN TYPE: Serum **COLLECTION DATE:** [illegible] **REPORT DATE:** 00/00/0000

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

ALLERGEN (IgE)	SCORE	CLASS
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
Penicillium chrysogenum	<0.10	0
Stemphylium herbarum (S. botryosum)	<0.10	0
White ash	<0.10	0
Yellow dock	<0.10	0

IgE Ranges kUA/l
< 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

Ranges are reflective of increasing concentrations of allergen specific IgE.

Sample Report

- 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 protein 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.