



CLIA #: 45D2183107

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PATIENT INFORMATION

Name

DOB

Patient ID

SPECIMEN INFORMATION

Collection Date

Accession Date

Report Date

CLINIC INFORMATION

Provider

INTERPRETING TruAllergy: Profile TA-44U SMART REPORT

The primary purpose of this test system is to identify IgE molecules reactivity to environmental allergen inhaled or contacted by the test subjects. The higher the class value the greater the potential risk of an allergic reaction. The more red the class value becomes the greater the risk. Secondly, the test system monitors the immune reactivity other classes of human immunoglobulin (exposure immunoglobulins). Exposure Immunoglobulins (elg) compete with IgE for binding sites on specific allergens.

Blocking Potential

The competition (blocking potential) between IgE and elG, more specifically IgG4 are scored. Higher (the more green) blocking potential values may improve the odds of elg molecules neutralizing IgE through competition and prevent allergen specific adverse reactions from occurring. The blocking potential value to specific allergens must be used in conjunction with other clinical relevant data, particularly symptom presentation. Considering the aforementioned blocking potential values may also be used to manage the clinical efficacy of immunotherapy for the neutralization of offending IgE species.

Class Description of Allergen Specific IgE/elg

Class	Description of Class	Quantity (ng/ml) of Allergen Specific IgE or elg	Blocking Potential
0	< 0.244	Negative	<0 Abnormal
0.5	0.245 - 0.463	Equivocal/Low	0-.99 Equivocal
1	0.464 - 0.902	Low	1-1.99 Low
2	0.903 - 2.171	Moderate	2-2.99 Moderate
3	2.172 - 7.31	High	3-3.99 High
4	7.32 - 41.47	Very High	4-4.99 Very High
5	> 41.47	Very High	>5 Very High

Test results are not intended to be used as the sole source for clinical diagnosis. Treatment plans developed using the clinical data from this report requires a trained professional proficient in the management of environmental allergies and immunotherapy. Prior to performing any treatment plan, medical necessity needs to be determined.

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Dust Mites

ALLERGEN	CLASS	IgE	elg	BLOCKING POTENTIAL
Blomia Tropicalis	0	0.00	0.00	0
D. Farina	0	0.00	0.00	0
D. Pteronyssinus	0	0.00	0.00	0

Molds I

ALLERGEN	CLASS	IgE	elg	BLOCKING POTENTIAL
C. Herbarum	0.5	0.26	10.45	3.5
Mucor racemosus	0	0.00	0.00	0
Aspergillus fumigatus	0	0.00	0.00	0
Penicillium notatum	0	0.00	0.00	0

Molds II

ALLERGEN	CLASS	IgE	elg	BLOCKING POTENTIAL
Alternaria Alternate	0.5	0.32	6.44	2.5
A. pullulans	0	0.00	0.00	0

Dander

ALLERGEN	CLASS	IgE	elg	BLOCKING POTENTIAL
Mouse Dander	0	0.00	0.00	0
Dog Dander	0	0.00	0.00	0
Cat Dander	0	0.00	0.00	0

Weeds

Marsh Elder, Rough	0	0.00	2.15	2
Wall Pellitory	0	0.10	0.23	0
Sheep Sorrel, Red	0	0.10	0.00	0
Mugwort	0	0.24	0.00	0
Thistle, Russian	0	0.00	0.00	0
Nettle	1	0.51	0.00	-1
Pigweed, Rough	0	0.00	0.00	0
Ragweed, Common	0	0.00	0.00	0

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Trees

ALLERGEN	CLASS	IgE	elg	BLOCKING POTENTIAL
Mulberry	2	1.06	14.03	2
Birch	0	0.01	9.28	4
Olive	0	0.00	8.07	4
Eucalyptus	0	0.00	4.03	3
Pine Australian	0	0.00	2.32	3
Maple Leaf	0	0.00	1.40	2
Sycamore	0	0.00	0.36	0.5
Maple/Box Elder	0	0.00	0.19	0
Pecan/Hickory	0	0.00	0.00	0
Acacia	0.5	0.31	0.00	-0.5
Ash, White	0	0.00	0.00	0
Cottonwood	0	0.06	0.00	0
Walnut	0	0.11	0.00	0
Elm	0	0.00	0.00	0
Oak	0.5	0.36	0.00	-0.5
Mountain Cedar	0	0.00	0.00	0
Alder	0	0.00	0.00	0

Grass

ALLERGEN	CLASS	IgE	elg	BLOCKING POTENTIAL
Timothy Grass	0	0.01	4.15	3
Johnson Grass	0	0.00	2.69	3
Redtop/Bent Grass	0	0.00	0.00	0
Perennial Rye Grass	0	0.00	0.00	0
Bahia Grass	0	0.00	0.00	0
Bermuda Grass	0	0.00	0.00	0

Insects

ALLERGEN	CLASS	IgE	elg	BLOCKING POTENTIAL
Cockroach	0	0.00	0.00	0