

# Inhalants: Interpretation of Results

## Management Guidelines

Class	Specific IgE (kU <sub>A</sub> /L)	Level	Clinical Correlation	Management Options	
0	<0.35	absent/ undetectable	consider nonallergic causes	consider additional testing (infectious diseases, etc) and treat symptoms	
I	0.35 - 0.69	low	uncertain clinical relevance; weak IgE antibody response may be a risk factor for future sensitization	consider additional specific IgE testing - in same category (grasses, trees, etc) or as history suggests (foods, venoms, drugs); consider treatment options (see below)	
II	0.70 - 3.49	moderate	probably a contributing factor to total allergic load	consider additional specific IgE testing (as above); consider treatment options (see below)	
III	3.50 - 17.49	high	clinically relevant	Allergens	
				Indoor	Outdoor
IV	17.50 - 49.99	very high	highly clinically relevant	environmental control may be effective; if not, trial of pharmacotherapy	trial of pharmacotherapy (OTC NasalCrom™ [cromolyn sodium], NSA, INS, etc)
V	50.00 - 100	very high		environmental control; trial of pharmacotherapy;	trial of pharmacotherapy;
VI	>100	very high		if not controlled, consider referral to allergy specialist	if not controlled, consider referral to allergy specialist

### ImmunoCAP Total IgE Blood Test Reference Values

Total IgE: normal ≤100 kU/L  
elevated >100 kU/L

OTC = over the counter (nonprescription); NSA = nonsedating antihistamine; INS = intranasal steroids

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**ImmunoCAP®**  
Specific IgE blood test  
www.isitalergy.com  
1-877-745-3557

**Upper Respiratory Disease Profile**

Region - 1. North Atlantic States (CT, MA, NJ, PA, VT, ME, NH, NY, RI)

**Sample Patient Results****Requested tests:****ImmunoCAP Specific IgE blood test  
Upper Respiratory Disease Profile**

Test Code	Allergen	Conc	kU <sub>A</sub> /L	Class
t1	Box-elder tree (maple)	<0.35	kU <sub>A</sub> /L	0
t7	Oak tree	<0.35	kU <sub>A</sub> /L	0
t8	Elm tree	<0.35	kU <sub>A</sub> /L	0
g2	Bermuda grass	<0.35	kU <sub>A</sub> /L	0
g6	Timothy grass	<0.35	kU <sub>A</sub> /L	0
m2	Indoor/Outdoor mold, <i>Cladosporium herbarum</i>	0.82	kU <sub>A</sub> /L	II
m6	Primarily outdoor mold, <i>Alternaria alternata</i>	<0.35	kU <sub>A</sub> /L	0
w1	Common ragweed	51.2	kU <sub>A</sub> /L	V
w10	Goosefoot, Lamb's quarters	<0.35	kU <sub>A</sub> /L	0
d1	House dust mite, <i>D. pteronyssinus</i>	3.43	kU <sub>A</sub> /L	II
e1	Cat dander	2.72	kU <sub>A</sub> /L	II
e5	Dog dander	<0.35	kU <sub>A</sub> /L	0
i6	Cockroach	1.78	kU <sub>A</sub> /L	II

Test Name	Conc	kU/L
ImmunoCAP Total IgE blood test	495	kU/L

**ImmunoCAP Specific IgE blood test  
Quantitative Scoring Interpretation**

Conc (kU <sub>A</sub> /L)	Class
<0.35	0
0.35-0.69	I
0.70-3.49	II
3.50-17.49	III
17.5-49.9	IV
50.0-100	V
>100	VI

**ImmunoCAP Total IgE blood test  
Quantitative Scoring Interpretation**

Reference Ranges	
Normal range	≤100 kU/L
Elevated	>100 kU/L