

**New Test**      **3001726**      **Allergen, Region 16 Respiratory Panel IgE**      **REG16PANEL**

**Methodology:** Quantitative ImmunoCAP Fluorescent Enzyme Immunoassay  
**Performed:** Sun-Sat  
**Reported:** 1-2 days

**Specimen Required:** Patient Prep: Multiple patient encounters should be avoided.  
Collect: Serum Separator Tube (SST). Multiple specimen tubes should be avoided.  
Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 4 mL serum to an ARUP Standard Transport Tube. (Min: 1.2 mL)  
Storage/Transport Temperature: Refrigerated.  
Unacceptable Conditions: Hemolyzed, icteric, or lipemic specimens.  
Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year

**Reference Interval:**

**Reference Intervals for all Components**

Reporting Range (reported in kU/L)	Probability of IgE Mediated Clinical Reaction	Class Scoring
Less than 0.10	No significant level detected	0
0.10-0.34	Clinical relevance undetermined	0/1
0.35-0.70	Low	1
0.71-3.50	Moderate	2
3.51-17.50	High	3
17.51 - 50.00	Very High	4
50.01 - 100.00	Very high	5
Greater than 100.00	Very high	6

Test Number	Components	Reference Interval	
0050345	Immunoglobulin E	Effective November 17, 2014	
		<b>Age</b>	<b>Reference Interval</b>
		0-5 months	13 kU/L or less
		6-12 months	34 kU/L or less
		1-2 years	97 kU/L or less
		3 years	199 kU/L or less
		4-6 years	307 kU/L or less
		7-8 years	403 kU/L or less
		9-12 years	696 kU/L or less
		13-15 years	629 kU/L or less
		16-17 years	537 kU/L or less
		18 years and older	214 kU/L or less

**Interpretive Data:** Allergen results of 0.10-0.34 kU/L are intended for specialist use as the clinical relevance is undetermined. Even though increasing ranges are reflective of increasing concentrations of allergen-specific IgE, these concentrations may not correlate with the degree of clinical response or skin testing results when challenged with a specific allergen. The correlation of allergy laboratory results with clinical history and in vivo reactivity to specific allergens is essential. A negative test may not rule out clinical allergy or even anaphylaxis.

**Note:** Allergens included in this panel: Alder Tree, *Alternaria alternata (tenuis)*, *Aspergillus fumigatus*, Birch Tree, BoxElder/Maple Tree, Cat Dander, Cockroach (German), Cottonwood Tree, *D. farinae* (mites), *D. Pteronyssinus* (mites), Dog Dander, Elm Tree, *Hormodendrum (Cladosporium)*, Mouse Epithelium, Mountain Cedar (Juniper) Tree, *Mucor racemosus*, Mugwort, Oak Tree, *Penicillium notatum*, Pigweed, Russian Thistle, Sheep Sorrel (Dock), Timothy Grass, and IgE Serum Total.

**CPT Code(s):** 86003 x23; 82785

New York DOH Approved.

**HOTLINE NOTE:** Refer to the Test Mix Addendum for interface build information.