

HOTLINE: Effective August 19, 2019

**New Test**      **3001715**      **Allergen, Region 5 Respiratory Panel IgE**      **REG5PANEL**

**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: 1.4 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>
		0-5 months
		6-12 months
		1-2 years
		3 years
		4-6 years
		7-8 years
		9-12 years
		13-15 years
		16-17 years
		18 years and older

**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: *Alternaria alternata* (*tenuis*), *Aspergillus fumigatus*, Bermuda Grass, Birch Tree, Box Elder/Maple Tree, Cat Dander, Cockroach (German), Common Short Ragweed, Cottonwood Tree, *D. farinae* (mites), *D. Pteronyssinus* (mites), Dog Dander, Elm Tree, *Hormodendrum* (*Cladosporium*), Mouse Epithelium, Mountain Cedar (Juniper) Tree, *Mucor racemosus*, Oak Tree, Pecan (White Hickory) Tree, *Penicillium notatum*, Pigweed, Russian Thistle, Sheep Sorrel (Dock), Sycamore Tree, Timothy Grass, Walnut Tree, White Ash Tree, White Mulberry Tree, and IgE Serum Total.

**CPT Code(s):** 86003 x28; 82785

New York DOH Approved.

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