

NEW TEST ANNOUNCEMENT

NOTIFICATION DATE: February 17, 2014 **EFFECTIVE DATE:** February 24, 2014

PECAN, HICKORY, IGE Test ID: PCANH

USEFUL FOR:

- Establishing the diagnosis of an allergic disease and defining the allergens responsible for eliciting signs and symptoms.
- Identifying allergens which may be responsible for allergic disease and /or anaphylactic episode, confirming sensitization to particular allergens prior to beginning immunotherapy, and investigating the specificity of allergic reactions to insect venom allergens, drugs, or chemical allergens.

METHODOLOGY: Fluorescence Enzyme Immunoassay (FEIA)

REFERENCE VALUES:

Class	IgE kU/L	Interpretation	
0	< 0.35	Negative	
1	0.35-0.69	Equivocal	
2	0.70-3.49	Positive	
3	3.50-17.4	Positive	
4	17.5-49.9	Strongly positive	
5	50.0-99.9	Strongly positive	
6	> or =100	Strongly positive	

Reference values apply to all ages.

SPECIMEN REQUIREMENTS: Collection Container/Tube:

Preferred: Red top **Acceptable:** Serum gel

Submission Container/Tube: Plastic screw topped tube **Specimen Volume:** 0.5 mL for each 5 allergens requested

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	14 days

CAUTIONS:

• Testing for IgE antibodies is not useful in patients previously treated with immunotherapy to determine if residual clinical sensitivity exists, or in patients in whom the medical management does not depend upon identification of allergen specificity.

- Some individuals with clinically insignificant sensitivity to allergens may have measurable levels of IgE antibodies in serum, and results must be interpreted in the clinical context.
- False-positive results for IgE antibodies may occur in patients with markedly elevated serum IgE (>2,500 kU/L) due to nonspecific binding to allergen solid phases.

CPT CODE: 86003

DAY(S) SET UP: Monday through Friday; 9 AM- **ANALYTIC TIME:** 1 day

8 PM, Saturday; 8 AM- 3 PM

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Greg Renkly, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710