Provided by Vivian Saper, MD  
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*Medical Director of Hitachi Chemical Diagnostics*

Test results from the **CLA-1™ Luminometer** are provided in Luminometer Units (LU), which are in turn grouped into Class results. Classes are assigned “Class 0,” nondetectable specific IgE, to the highest class, “Class 4,” which correlates to very high levels of specific IgE.

<table>
<thead>
<tr>
<th>Class</th>
<th>Nondetectable</th>
<th>Very Low</th>
<th>Low</th>
<th>Moderate</th>
<th>High</th>
<th>Very High</th>
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<td>Class 3</td>
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<td>Class 4</td>
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*In a more temperate climate, season of pollination may be extended before and after that listed below.*

### Category

#### Danders
- **Cat.**  
  - Common allergen, especially with indoor pets. Allergen persists indoors.
- **Cockroach Mix.**  
  - Dry insect debris. Correlated with inner city allergic asthma.
- **Dog.**  
  - Common allergen but less sensitizing than cat.

#### Dust / Mites
- **Mite, D. Farinae.**  
  - Indoor allergen. Essentially the same as mite, D. Pteronyssinus.

#### Foods
- **Egg White.**  
  - Common food allergen especially in young children.
- **Milk.**  
  - Common food allergen especially in young children. Often outgrown by later pre-school years. Not to be confused with lactose intolerance.
- **Peanut.**  
  - Legume that is highly allergenic. Low positives may be significant.
- **Shellfish Mix.**  
  - Clam, crab and shrimp. Can be highly allergenic. May acquire this allergy at any age including as an adult.
- **Wheat.**  
  - A grain. Can cross-react with grass pollen, especially if much lower positive than grass pollen. May not be associated with clinical symptoms when ingested.

#### Grass
- **Timothy Grass.**  
  - Late Spring to early Summer. Potent field grass. May pollinate longer in warmer climates.

#### Mold
- **Alternaria.**  
  - Allergen is the windborne spore. Highly correlated with allergic asthma.

#### Trees
- **Mesquite.**  
  - Potent tree pollen. March through July. Related to Acacia.
- **Oak, White.**  
  - Mid to late Spring pollen. All Oak species are highly cross-reactive.

#### Weeds
- **Lamb’s Quarters.**  
  - Late Summer & Fall pollen of the Chenopod group of weeds.
- **Ragweed, Short.**  
  - Late Summer & Fall pollen of the Ambrosia group. Very potent allergen.

### NOTES: