Interpretation of CLA® Test Results
Western Panel

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 0</th>
<th>Class 1/0</th>
<th>Class 1</th>
<th>Class 2</th>
<th>Class 3</th>
<th>Class 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nondetectable</td>
<td>Very Low</td>
<td>Low</td>
<td>Moderate</td>
<td>High</td>
<td>Very High</td>
</tr>
</tbody>
</table>

### Class 0
- **Nondetectable**

### Tree Pollens
- **Acacia**
  - Early pollen. Showy yellow bloom. Often not a potent allergen.
- **Cedar, Mountain**
  - Earliest Spring pollinator. Represents allergy to all Juniper and Cypress species.
- **Cottonwood, Black**
  - Early pollen. May cross-react with Willow.
- **Elm Mix**
  - Most are early Spring pollinators but one variety is a Fall bloomer.
- **Oak, White**
  - Mid to late Spring pollen. All Oak species are highly cross-reactive.
- **Olive**
  - Mid to late Spring pollen. Strong cross-reactivity with Ash and Privet pollens. Privet pollinates in the Summer.
- **Walnut / Hickory / Pecan Mix**
  - Mid Spring pollen. Highly cross-reactive allergens.

### Weeds
- **English Plantain**
  - Early Summer pollen. Often positive in grass sensitive patients.
- **Lamb's Quarters**
  - Late Summer & Fall pollen.
- **Pigweed**
  - Late Summer & Fall pollen.
- **Ragweed, False**
  - Fall pollen. Western variety of Ragweed.
- **Sagebrush Mix**
  - Fall pollen of the Sage group of weed pollens.

### Grasses
- **Bermuda Grass**
  - Late Spring to early Summer. Allergens differ from those of field grasses.
- **Timothy Grass**
  - Late Spring to early Summer. Potent field grass. May pollinate longer in warmer climates.

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

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

### Molds
- **Alternaria**
  - Allergen is the windborne spore. Highly correlated with allergic asthma.
- **Aspergillus**
  - Predominantly Indoor allergen. Common black mold.
- **Candida**
  - Occasional reports of sensitivity.
- **Cladosporium**
  - Allergen is the windborne mold spore.
- **Penicillium**
  - Damp mold found in soils. Blue green mold can be seen on old bread.

### Foods
- **Almond**
  - Low level of positives often does not cause allergy symptoms.
- **Corn**
  - A grain. Can cross-react with grass pollen and, if lower, may not be associated with clinical symptoms when ingested.
- **Egg, Whole**
  - Common allergen, especially in young children with atopic dermatitis.
- **Garlic**
  - Usually not associated with clinical allergy.
- **Milk**
  - Common food allergen especially in young children. Often outgrown by later pre-school years. Not to be confused with lactose intolerance.
- **Orange**
  - Low level of positives often does not cause allergy symptoms.
- **Peanut**
  - Legume that is highly allergenic. Low positives may be significant.
- **Potato**
  - Low level of positives often does not cause allergy symptoms.
- **Rice**
  - 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.
- **Shellfish Mix**
  - Clam, crab and shrimp. Can be highly allergenic. May acquire this allergy at any age, including as an adult.
- **Soybean**
- **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.
- **Yeast, Baker's**
  - Low level of positives often does not cause allergy symptoms.

1 Cross reactive with other pollens of chenopod weeds.

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