

## Interpretation of CLA<sup>®</sup> Test Results Eastern Panel

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Test results from the CLA-1<sup>TM</sup> 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.

	<b>Class 0</b> Nondetectable	<b>Class 1/0</b> Very Low	<b>Class 1</b> Low	<b>Class 2</b> Moderate	<b>Class 3</b> High	<b>Class 4</b> Very High
<b>Category</b>	<b>Allergen</b>					
	<b>Comments</b>					
Trees	<input type="checkbox"/> Ash, White..... Mid to late Spring pollen. Strongly cross-reacts with Olive & Privet. <input type="checkbox"/> Box Elder, Maple..... Mid Spring pollen. These are cross-reactive pollens. <input type="checkbox"/> Cottonwood, Eastern.... Early to mid-Spring pollen. Cross-reactive with Poplar, Aspen & Willow. <input type="checkbox"/> Elm, White..... Early to mid-Spring pollen. One elm variety blooms in the Fall. <input type="checkbox"/> Hickory, Shellbark..... Mid Spring pollen. Highly cross-reactive with pollen of Walnut and Pecan trees. <input type="checkbox"/> Oak, White..... Mid to late Spring pollen. All Oak species are highly cross-reactive.					
Weeds	<input type="checkbox"/> Cocklebur..... Late Summer & Fall. Related to Ragweed. <sup>2</sup> <input type="checkbox"/> English Plantain..... Early Summer pollen. Often positive in grass sensitive patients. <input type="checkbox"/> Lamb's Quarters..... Late Summer & Fall pollen. <sup>1</sup> <input type="checkbox"/> Mugwort..... Fall pollen of the Sage group of weed pollens. <input type="checkbox"/> Ragweed, Short..... Late Summer & Fall pollen. Very potent allergen. <sup>2</sup>					
Grasses	<input type="checkbox"/> Bermuda Grass..... Late Spring to early Summer. Allergens differ from those of field grasses. <input type="checkbox"/> Sweet Vernal Grass..... Potent field grass. Peak in late Spring to early Summer. <input type="checkbox"/> Timothy Grass..... Late Spring to early Summer. Potent field grass. May pollinate longer in warmer climates.					
Danders	<input type="checkbox"/> Cat..... Common allergen especially with indoor pets. Allergen persists indoors. <input type="checkbox"/> Dog..... Common allergen but less sensitizing than cat. <input type="checkbox"/> Cockroach Mix..... Dry insect debris. Correlated with inner city allergic asthma.					
Dust / Mites	<input type="checkbox"/> Mite, D. Farinae..... Indoor allergen. Essentially the same as mite, D. Pteronyssinus. <input type="checkbox"/> Housedust..... Allergenic debris from dust such as pet dander, mold and dust mite.					
Molds	<input type="checkbox"/> Alternaria..... Allergen is the windborne spore. Highly correlated with allergic asthma. <input type="checkbox"/> Aspergillus..... Predominantly Indoor allergen. <input type="checkbox"/> Cladosporium..... Allergen is the windborne mold spore. <input type="checkbox"/> Penicillium..... Predominantly Indoor allergen.					
Foods	<input type="checkbox"/> Almond..... Tree nut. May cross-react with other tree nuts. Often independent of peanut allergy. <input type="checkbox"/> Corn..... A grain. Can cross-react with grass pollen and, if lower, may not be associated with clinical symptoms when ingested. <input type="checkbox"/> Egg, Whole..... Common allergen, especially in young children with atopic dermatitis. <input type="checkbox"/> Garlic..... Usually not associated with clinical allergy. <input type="checkbox"/> Milk..... Common food allergen especially in young children. Often outgrown by later pre-school years. Not to be confused with lactose intolerance. <input type="checkbox"/> Orange..... Usually not associated with clinical allergy. <input type="checkbox"/> Peanut..... Legume that is highly allergenic. Low positives may be significant. <input type="checkbox"/> Potato..... Rarely an allergen. <input type="checkbox"/> 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. <input type="checkbox"/> Shellfish Mix..... Clam, crab and shrimp. Can be highly allergenic. May acquire this allergy at any age including as an adult. <input type="checkbox"/> Soybean..... A legume. Common food allergen, especially in young children. Often outgrown by later pre-school years. <input type="checkbox"/> 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. <input type="checkbox"/> Yeast, Baker's..... Usually not associated with clinical allergy.					

<sup>1</sup> Cross reactive with other pollens of chenopod weeds.

<sup>2</sup> Cross reactive with other pollens of Ambrosia weeds.