

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

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Test results from the CLA-1<sup>™</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"/> Box Elder, Maple.....						Mid Spring pollen. These are cross-reactive pollens.
	<input type="checkbox"/> Cedar, Mountain.....						Earliest Spring pollinator. Represents allergy to all Juniper and Cypress species.
	<input type="checkbox"/> Elm Mix.....						Most are early Spring pollinators but one variety is a Fall bloomer.
	<input type="checkbox"/> Oak Mix.....						Mid to late Spring pollen. All Oak species are highly cross-reactive.
	<input type="checkbox"/> Olive / Privet / Ash Mix.....						Mid to late Spring pollens. Strong cross-reactivity.
	<input type="checkbox"/> Walnut / Hickory / Pecan Mix...						Mid Spring pollen. Highly cross-reactive allergens.
Weeds	<input type="checkbox"/> Atriplex Mix.....						Summer and Fall pollen. <sup>1</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"/> Pigweed.....						Late Summer & Fall pollen. <sup>1</sup>
	<input type="checkbox"/> Ragweed Mix I.....						Late Summer & Fall pollen. Very potent allergens.
	<input type="checkbox"/> Rumex Mix.....						Dock and Sorrel weeds. Pollinate in Spring coincident with grass pollen.
Grasses	<input type="checkbox"/> Sagebrush Mix.....						Fall pollen of the Sage group of weed pollens.
	<input type="checkbox"/> Bermuda Grass.....						Late Spring to early Summer. Allergens differ from those of field grasses
Grasses	<input type="checkbox"/> Grass Mix.....						Late Spring to early Summer. Potent field grasses. May pollinate longer in warmer climates.
	Danders	<input type="checkbox"/> Cat.....					
<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 mold spore. Highly correlated with allergic asthma.
	<input type="checkbox"/> Aspergillus.....						Predominantly Indoor allergen. Common black mold.
	<input type="checkbox"/> Candida.....						Occasional reports of sensitivity.
	<input type="checkbox"/> Cladosporium.....						Allergen is the windborne mold spore.
	<input type="checkbox"/> Penicillium.....						Damp mold found in soils. Blue green mold can be seen on old bread.
Foods	<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"/> 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"/> 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 in young children. Often outgrown.
	<input type="checkbox"/> Tomato.....						Usually not associated with clinical allergy. Structural proteins often cross-react with other non-tomato allergens.
	<input type="checkbox"/> Wheat.....						May cross-react with grass pollen. See "corn."
<input type="checkbox"/> Yeast, Baker's.....						Usually not associated with clinical allergy.	

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