

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

### Western Inhalant 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.

	<u>Class 0</u> Nondetectable	<u>Class 1/0</u> Very Low	<u>Class 1</u> Low	<u>Class 2</u> Moderate	<u>Class 3</u> High	<u>Class 4</u> Very High
<b>Category</b>	<b>Allergen</b>					
	<b>Comments</b>					
Trees	<input type="checkbox"/> Acacia.....	Early Spring pollen. Showy yellow bloom. Often not a potent allergen.				
	<input type="checkbox"/> Ash, White.....	Mid to late Spring pollen. Strong cross-reactivity with Olive and Privet.				
	<input type="checkbox"/> Birch, White.....	Mid to late Spring pollen. Cross-reactive with Birch species and Alder.				
	<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"/> Cottonwood, Black.....	Early Spring pollen. May cross-react with Willow.				
	<input type="checkbox"/> Elm Mix.....	Most are early Spring pollinators but one variety is a Fall bloomer.				
	<input type="checkbox"/> Eucalyptus.....	Mid Spring pollen. Not typically a potent allergen.				
	<input type="checkbox"/> Oak, White.....	Mid to late Spring pollen. All oak species are highly cross-reactive.				
	<input type="checkbox"/> Olive.....	Mid to late Spring pollen. Strong cross-reactivity with Ash and Privet pollens. Privet pollinates in the Summer.				
	<input type="checkbox"/> Sycamore, American.....	Early to mid-Spring pollen.				
	<input type="checkbox"/> Walnut / Hickory / Pecan Mix.....	Mid Spring pollen. Highly cross-reactive allergens.				
	<input type="checkbox"/> Willow, Arroyo.....	Early to mid Spring pollen. Cross-reacts with Cottonwood, Aspen & Poplar.				
Grasses	<input type="checkbox"/> Bermuda Grass.....	Late Spring to early Summer. Allergens differ from those of field grasses.				
	<input type="checkbox"/> Kentucky Blue Grass.....	Late Spring to early Summer. Potent field grass. May pollinate longer in warmer climates.				
	<input type="checkbox"/> Johnson Grass.....	Late Spring to early Summer. Potent field grass.				
Weeds	<input type="checkbox"/> Burningbush.....	Late Summer & Fall pollen. <sup>1</sup>				
	<input type="checkbox"/> Cocklebur.....	Late Summer & Fall pollen. 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"/> Pigweed.....	Late Summer & Fall pollen. <sup>1</sup>				
	<input type="checkbox"/> Ragweed, False.....	Fall pollen. Western variety of Ragweed.				
	<input type="checkbox"/> Ragweed, Western.....	Fall pollen. Western variety of Ragweed.				
	<input type="checkbox"/> Russian Thistle.....	Late Summer & Fall pollen. <sup>1</sup>				
	<input type="checkbox"/> Sagebrush Mix.....	Fall pollen of the Sage group of weed pollens.				
	<input type="checkbox"/> Shadscale.....	Late Summer & Fall pollen. <sup>1</sup>				
	<input type="checkbox"/> Sheep Sorrel.....	Fall pollen in the same group as Dock weed. Pollen counts peak with grass pollens (late Spring to early Summer).				
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	<input type="checkbox"/> Mite, D. Farinae.....	Indoor allergen. Essentially the same as mite, D. Pteronyssinus.				
Molds	<input type="checkbox"/> Alternaria.....	Allergen is the windborne 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.				

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

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