

OPTIGEN[®]

Allergen-specific IgE assay

US

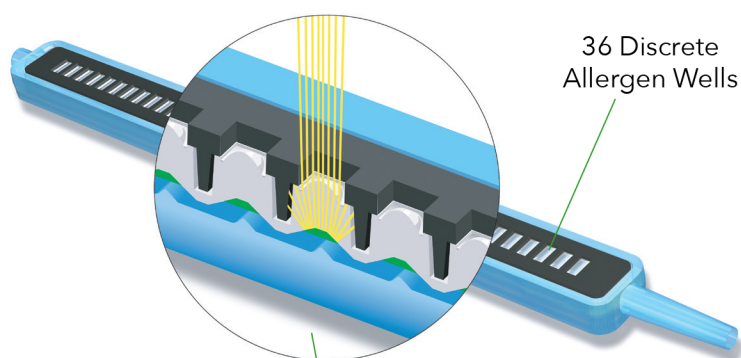
Test up to 36 allergens with only 0.6mL patient sample

- Comprehensive panel testing for environmental and food allergens
- Small sample volume, ideal for pediatric testing
- Trusted data provided to doctors since 1991
- Semi-automated machine available to reduce hands-on time

OPTIGEN® Kit Components

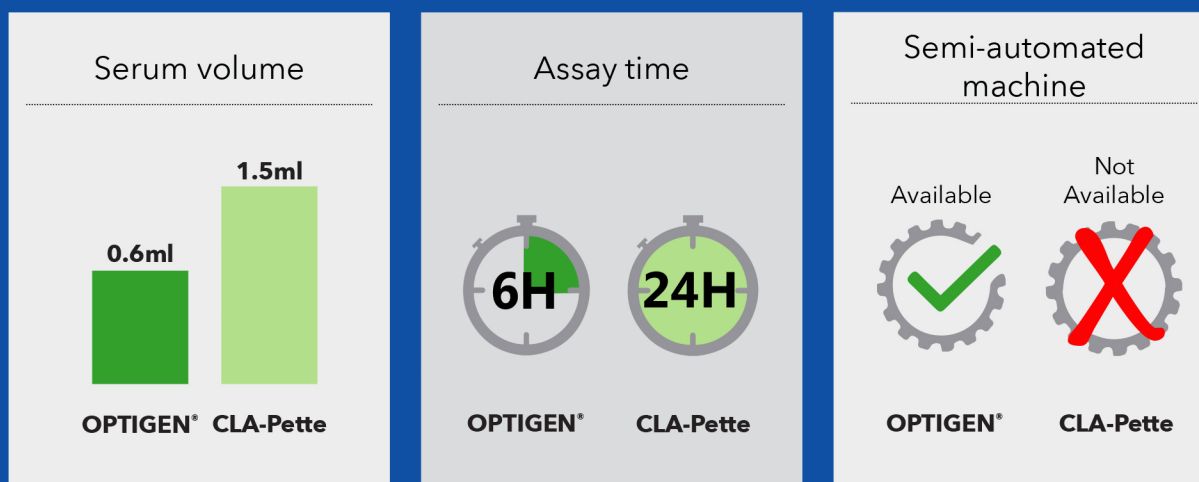


OPTIGEN® Pette



All reactions happen inside Pette

Comparison with our conventional CLA-Pette Method



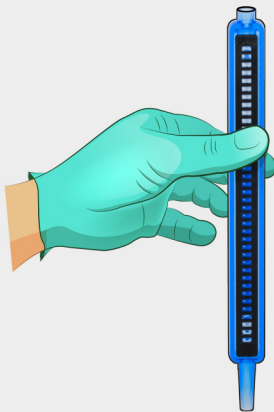
OPTIGEN® Assay Options

Semi-automated assay with AP720S™



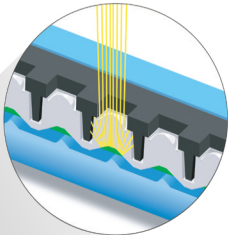
- 80% less hands on time
- Easy-daily maintenance
- 20 sample capacity per run

Manual Assay



- Minimal investment
- 6 simple steps
- Ideal for smaller labs

OPTIGEN® Measurement



The lights emmitted from Pette are measured in the CLA-1 Luminometer

CLA-1™ Luminometer

Size: 12.5 (W) x 17.0 (D) x 9.0 (H) inches
Weight: 18.5 pounds

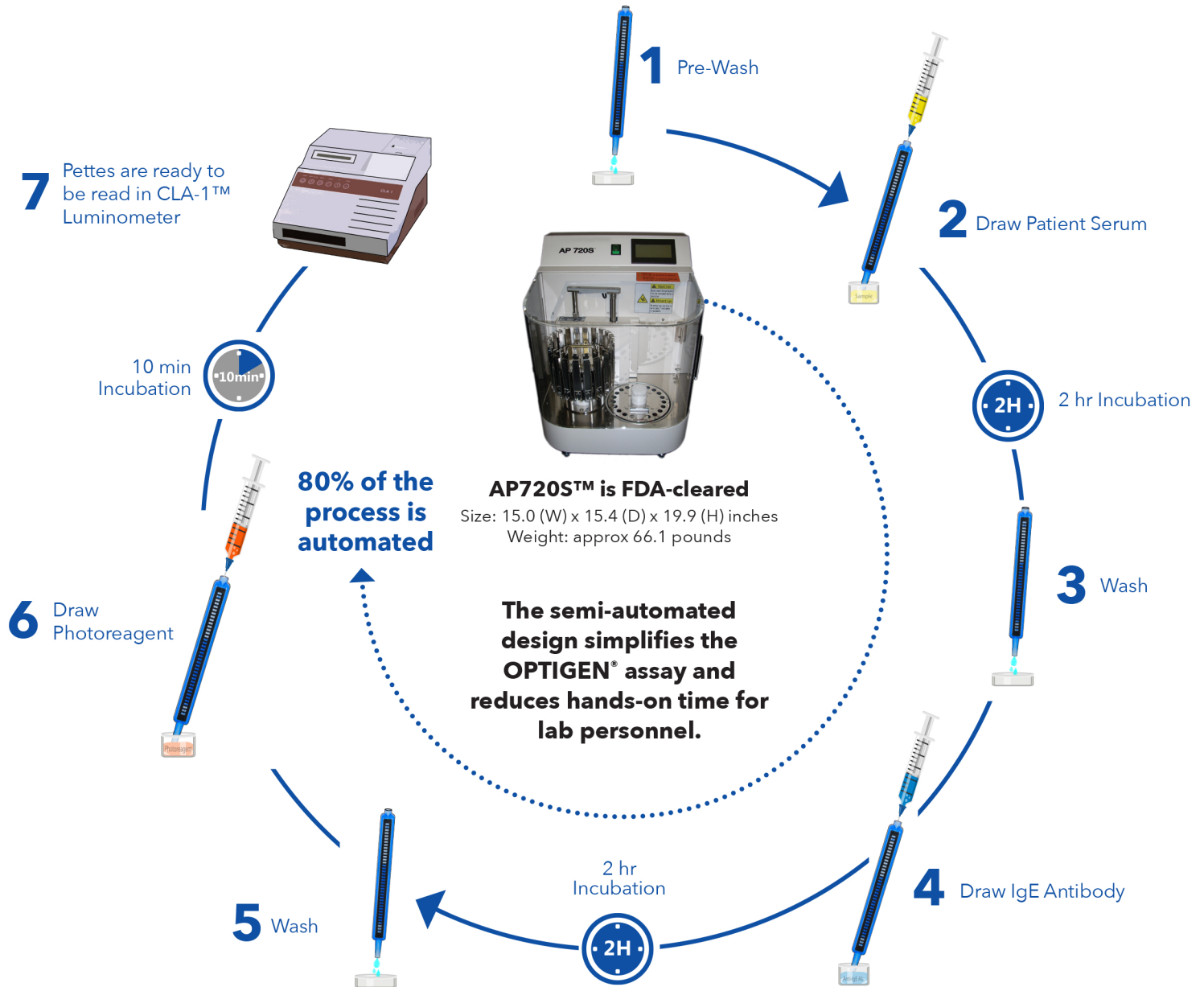
OPTIGEN® Results: CLA Class Feedback

CLA Class	Level of Antibodies
4	Very High
3	High
2	Moderate
1	Low
0	---- Not Detectable

- CLA Class values of 1 or above represent progressively increasing concentrations of allergen-specific antibodies.
- CLA Class-0 represents an absence of or nondetectable levels of allergen-specific antibodies.
- CLA Class has been used for allergy diagnostics in USA **for more than 25 years.**

AP720S™ SEMI-AUTOMATED INSTRUMENT OVERVIEW

OPTIGEN®





OPTIGEN® US Inhalant 36

Wide range of inhalant allergens selected to provide comprehensive screening across the United States

TREES

Maple Box Elder
Black Walnut
American Sycamore
Eastern Cottonwood
American Beech
White Birch
Ash
White Mulberry
White Elm
Mountain Cedar
Black Alder
Olive Pollen
Mesquite
Acacia

WEEDS

Lamb's Quarters
Russian Thistle
Mugwort
English Plantain
Sheep Sorrel
Ragweed Mix I
Nettle
Pigweed
Cocklebur
Marshelder, Rough

GRASSES

Perrenial Rye
Sweet Vernal
Timothy Grass

DANDERS

Cat
Dog

MOLDS

Alternaria
Aspergillus
Cladosporium
Penicillium

INSECT

Cockroach Mix

DUST MITES

Mite Farinae
Mite Pteronyssinus



OPTIGEN® US Food 20

20 Allergen panel designed to test for common food allergy

MEAT

Chicken
Pork

SEAFOOD

Codfish

FRUIT

Apple
Orange
Banana
Strawberry

VEGETABLES

Potato
Carrot
Garlic
Onion

LEGUMES

Pea
Soybean
Peanut

GRAINS

Rice, White
Wheat

DAIRY

Cheddar Cheese
Milk

EGG

Egg White

YEAST

Baker's Yeast



OPTIGEN® US Mix 36

Combination of food and inhalant allergens selected to provide comprehensive screening with limited patient volume

Inhalant

TREES	MOLDS
Maple Box Elder	Alternaria
White Birch	Aspergillus
Ash	Cladosporium
Eastern Cottonwood	Penicillium
American Beech	DANDERS
Black Walnut	Cat
Elm, White	Dog
Mountain Cedar	
WEEDS	INSECT
Russian Thistle	Cockroach Mix
Mugwort	
Sheep Sorrel	DUST MITES
Ragweed Mix I	Mite Farinae
Pigweed	Mite Pteronyssinus
GRASSES	
Perennial Rye	
Timothy Grass	

Food

MEAT	GRAINS
Chicken	White Rice
Pork	Wheat
SEAFOOD	LEGUMES
Codfish	Soybean
	Peanut
VEGETABLES	DAIRY
Onion	Cheddar Cheese
	Milk
YEAST	EGG
Brewer's Yeast	Egg White

Ordering Information

Product	Part Number	Quantity
OPTIGEN® US Inhalant 36	85063	20 Tests
OPTIGEN® US Food 20	85064	20 Tests
OPTIGEN® US Mix 36	85065	20 Tests
CLA-1™ Luminometer	90015	1
AP720S™	90051	1
OPTIGEN® Control Reagent	80109	Positive (4 - 6 Tests), Negative (4 - 6 Tests)

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