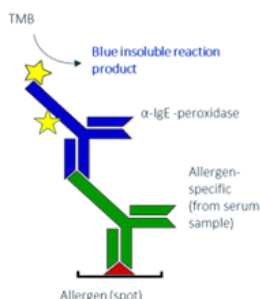
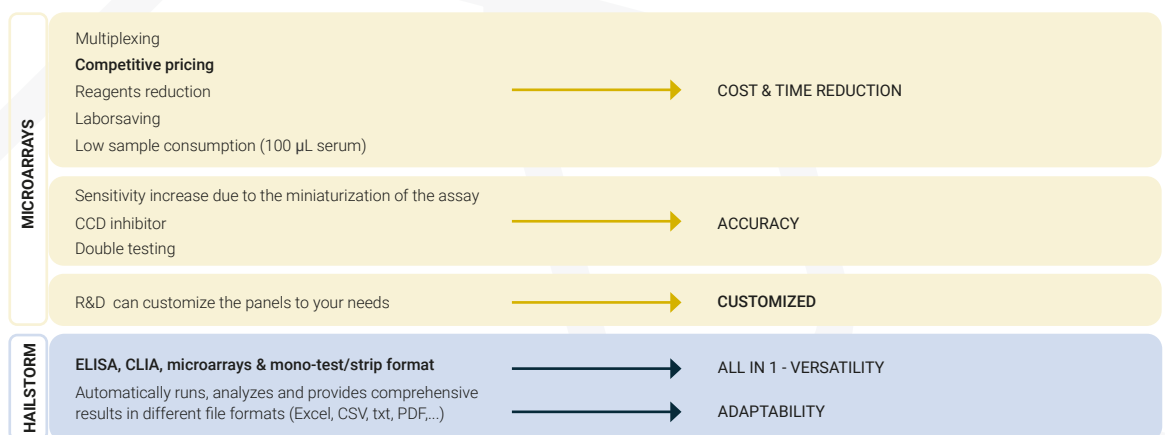




GSD Dog Allergy Diagnostic Solution

Have full control of dog allergy diagnostic tests in your laboratory

This is what you will improve by using Canine INgezim PLEX Environmental and Food Sensitization kits, based on ELISA-Microarrays, compared to conventional methods or outsourcing testing to third parties.



The tests are solid-phase immunoassays in which allergen extracts are deposited in duplicate spots forming a microarray onto microplate wells. They are performed in indirect ELISA-microarray format. The allergen-specific IgEs present in a sensitized dog serum will bind to the corresponding allergen spots. Then, the specific allergen-IgE binding is detected by the HRP-conjugated anti-dog IgE antibody. The binding is developed by a colorimetric peroxidase substrate (TMB) that precipitates specifically onto the allergen-specific IgE reactive spots.

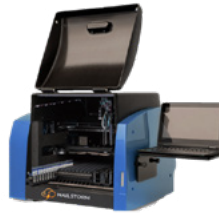


INGEZIM PLEX



Canine INgezim PLEX Environmental and Food Sensitization kits are ELISA-microarray immunoassays designed to simultaneously measure the semi-quantitative levels of 30 (environmental) and 22 (food) allergen-specific IgE in canine serum.

HAILSTORM



ALL IN ONE

- Automatic analyzer and reader for ELISA, CLIA, ELISA-microarrays & mono-test/strip format
- Programmable for a wide range of protocols
- Two microplates sites available for assays
- Processes, analyzes and provides results in the form of reports and in different file formats.

INGEZIM PLEX ENVIRONMENTAL MICROARRAY

Comes with a CCD inhibition step which blocks the clinical irrelevant pollen glycan-sigE reactivity

Each of the 96 wells contains:

-29 extracts (6 mites, 6 grass, 8 weeds, 5 trees, 4 molds) & 1 major allergen protein (rCup a 1) printed in duplicated spots.

-CCD in duplicated spots to check the CCD inhibition step

-Dog IgE and a-dog IgE mAb control spots to check the conjugate and the serum functionality

Enabling up to 2.976 single sensitization tests (96 sera) every 5.5.h

↓
Set allergen avoidance measures
Obtain accurate information to design immunotherapy

INGEZIM PLEX FOOD ALLERGIES MICROARRAY

Each of the 96 wells contains:

-22 extracts (8 meat, 2 fish, 9 vegetables, egg, milk and yeast) printed in duplicated spots.

-Dog IgE and a-dog IgE mAb control spots to check the conjugate and the serum functionality

Enabling up to 2112 single sensitization tests (96 sera) every 4.5.h

↓
Implement an elimination diet

ALLERGEN PANEL

ENVIRONMENTAL ALLERGENS

Mites	Grass	Weeds
D. farinae	Perennial ryegrass	Saltwort
D. pteronyssinus	Red fescue	English plantain
A. siro	Cock's-foot	Ragweed
L. destructor	Timothy-grass	Mugweed
T. putrescentiae	Kentucky bluegrass	Nettle
B. tropicalis	Bermuda grass	Goosefoots
		Sticky weed
		Sheep's shorrel
Trees	Moulds	Others
Birch tree	A. alternata	rCup a 1 Cupressus natural major allergen
Ash	P. notatum	CCD (CCD inhibition control)
Olive	C. herbarum	Dog IgE (positional markers)
London plane	A. fumigatus	Dog IgE (conjugate control spots)
Black poplar		α-dog IgE mAb (canine serum control)

FOOD ALLERGENS

Meat	Vegetables	Others
Beef	Soybean	Egg
Turkey	Corn	Milk
Pork	Wheat	Yeast
Chicken	Oat	Whiting
Lamb	Barley	Salmon
Duck	Rice	Dog IgE (positional markers)
Rabbit	Beet	Dog IgE (assay control spots)
Deer	Carrot	α-dog IgE mAb (canine serum control)
	Potato	