

NationWide Laboratories introduces a new testing method for allervet® service: PAX® Pet Allergy Xplorer Test powered by Nextmune

The **PAX® - Pet Allergy Xplorer Test** identifies allergens affecting animals and detects sensitisations by utilising state of the art molecular allergology. Molecular allergology helps pinpoint allergy triggers to facilitate therapy decisions and assess risk. It is the first quantitative macroarray IgE test designed specifically for animals. Single allergen components as well as whole allergen extracts are used for determination of specific IgE. The molecular components are recombinant proteins that provide a higher level of standardisation than allergen extracts and enable a more precise identification of IgE sensitisations

TESTING OPTIONS

Complete Testing -

Comprehensive testing of allergen specific IgE levels

OR

Two step testing - Screen for food or environmental allergens followed by IgE results for individual allergens

CANINE AND FELINE COMPLETE TESTING

ALXE	Allervet PAX Complete Environmental	Over 100 allergen extracts and components tested
ALXEF	Allervet PAX Complete Environmental and Food	Over 200 allergen extracts and components tested
ALXF	Allervet PAX Complete Food	Over 100 allergen extracts and components tested

TWO STEP TESTING

Step one – Request a screen

Step two – Request a panel for a positive screen result to give individual allergen IgE results

ALXSE	Allervet PAX Environmental Screen	Single Positive/Negative result for presence of environmental allergens
ALXSEF	Allervet PAX Environmental and Food Screen	Single Positive/ Negative result for presence of environmental allergens plus Single Positive/ Negative result for food allergens
ALXSF	Allervet PAX Food Screen	Single Positive/ Negative result for the presence of food allergens
ALXE2	Expand Allervet PAX Environmental Screen	Over 100 allergen extracts and components tested
ALXSEF2	Expand Allervet PAX Environmental and Food Screen	Over 200 allergen extracts and components tested
ALXSF2	Expand Allervet PAX Food Screen	Over 100 allergen extracts and components tested



MAIN ADVANTAGES OF PAX® PET ALLERGY XPLORER

- Increased sensitivity and specificity
- Automated technology, giving improved reproducibility
- CCD blocking and 2 blocking efficiency detectors.
- Over 200 allergen extracts and components included.
- Smaller sample volume. Only 0.5 ml of serum needed per test.
- Identification of "primary" sensitizing allergens
- Improved identification of allergen cross-reactivities, leading to better treatment selection.
- Selection of relevant allergens for specific immunotherapy

All samples for environmental testing are tested for the presence of cross-reactive carbohydrate determinants. If they are present CCD blockers are added to the environmental tests

ALLERGEN SPECIFIC IMMUNOTHERAPY

ARTU1 Immunotherapy 5-8 allergens

ARTU2 Immunotherapy 1-4 allergens

www.nwlabs.co.uk


NationWide
LABORATORIES

 **allervet**

Delivering excellence in animal health

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Iron Place, Stoke-on-Trent, ST1 5FG. 1627 83

FELINE AND CANINE ALLERGEN EXTRACTS

Allergen extract and individual component results are given in the final report as well as information on cross reactions



GRASS POLLENS

Bermuda grass	<i>Cynodon dactylon</i>
Kentucky blue grass	<i>Poa pratensis</i>
Meadow fescue	<i>Festuca pratensis</i>
Orchard grass, Cocksfoot	<i>Dactylis glomerata</i>
Perennial ryegrass	<i>Lolium perenne</i>
Ryegrass, cultivated	<i>Secale cereale</i>
Timothy grass	<i>Phleum pratense</i>

WEED POLLENS

Dock/Sorrel	<i>Rumex crispus / acetosella</i>
English Plantain	<i>Poa pratensis</i>
Lamb's quarter	<i>Chenopodium album</i>
Mugwort	<i>Artemisia vulgaris</i>
Nettle	<i>Urtica dioica</i>
Pellitory	<i>Parietaria judaica</i>
Ragweed	<i>Ambrosia artemisiifolia</i>
Russian thistle	<i>Salsola kali</i>

TREE POLLENS

Alder	<i>Alnus glutinosa</i>
Ash	<i>Fraxinus excelsior</i>
Beech	<i>Fagus sylvatica</i>
Silver birch	<i>Betula verrucosa</i>
Cypress	<i>Cupressus sempervirens</i>
Elm	<i>Ulmus campestris</i>
Hazel	<i>Corylus avellana</i>
Olive	<i>Olea Europaea</i>
Poplar/ Cottonwood	<i>Populus nigra</i>
Privet	<i>Ligustrum vulgare</i>
Sycamore	<i>Platanus acerifolia</i>

MITES AND COCKROACHES

Storage mite	<i>Acarus siro</i>
American house dust mite	<i>Dermatophagoides farinae</i>
European house dust mite	<i>Dermatophagoides pteronyssinus</i>
Storage mite	<i>Glycyphagus domesticus</i>
Storage mite	<i>Lepidoglyphus destructor</i>
Storage mite	<i>Tyrophagus putrescentiae</i>
German cockroach	<i>Blattella germanica</i>
American cockroach	<i>Periplaneta americana</i>
Flea	

MOULDS AND YEASTS

Alternaria alternata	<i>Alternaria alternata</i>
Aspergillus fumigatus	<i>Aspergillus fumigatus</i>
Cladosporium herbarum	<i>Cladosporium herbarum</i>
Malassezia	

INSECT VENOMS

Common wasp venom
Fire Ant venom
Honeybee venom
Long-headed wasp venom
Paper wasp venom

EPITHELIA

Cat/Dog
Cattle
Guinea pig
Horse
Mouse
Rabbit

FOOD

	Cow's Milk
Beef	Wheat
Turkey	Carrot
Cod	Oat
Herring	Rice
Salmon	Potato
Mackerel	Pea
Tuna	Corn
Chicken	Buckwheat
Lamb	Sunflower seed
Pork	Barley
Rabbit	Millet
Horse	Cultivated Rye
Egg white	Apple
Egg yolk	Peanut
Soy	Lentil
Mealworm	Tomato

Here is the reason
WHY CHOOSE US



allervet® provides a comprehensive allergy testing service for cats, dogs and horses, supported by our excellence. We offer friendly service and rapid, reliable results to help you fulfil your diagnostic and therapeutic objectives
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EQUINE ALLERGY TESTING

EQUINE COMPLETE TESTING

EALXE	Equine Allervet PAX Complete Environmental and Insect	Over 100 allergen extracts and components tested
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EALXE2	Equine Expand Allervet PAX Environmental and Insect Screen	Over 100 allergen extracts and components tested
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Privet	<i>Ligustrum vulgare</i>
Sycamore	<i>Platanus acerifolia</i>

MITES AND INSECTS

Deer fly	<i>Chrysops vittalus</i>
Mosquito – Culicidae	<i>Aedes aegypti</i>
Midge	<i>Culicoides nubeculosus</i>
Stable fly	<i>Stomoxys calcitrans</i>
Horse fly	<i>Tabanus spp.</i>
Storage mite	<i>Acarus siro</i>
American house dust mite	<i>Dermatophagoides farinae</i>
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Wheat
Barley
Carrot
Millet
Oat
Cultivated Rye
Rice
Apple
Pea
Peanut
Corn
Lentil



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POLLEN CALENDAR

The pollen calendar indicates the average pattern of pollen release for the UK. Timings may vary according to weather conditions and exact geographical location.

* Grasses flowering within this period include: Ryegrass, Meadow Grass, Meadow Fescue, Bent Grass, Velvet Grass & Quack Grass



Allergens	January	February	March	April	May	June	July	August	September	October	November	December
Alder and Hazel	X	X	X	X								
Elm and Willow		X	X	X								
Poplar			X	X	X							
Beech and Oak			X	X	X	X						
Mimosa			X	X	X							
Ash and Birch			X	X	X	X						
Sweet Vernal				X	X	X						
Plantain					X	X	X	X				
Dandelion				X	X	X	X	X		X		
Pine and Sorrel				X	X	X	X					
Ox-eye Daisy						X	X	X				
Rye and Wheat					X	X	X					
Rape				X	X	X	X					
Grasses*					X	X	X	X		X		
Privet						X	X					
Barley and Oat				X	X	X	X					
False Acacia					X	X	X					
Maize							X	X		X		
Cocksfoot						X	X	X		X		
Timothy						X	X	X				
Bermuda Grass					X	X	X	X		X	X	
Nettle					X	X	X	X		X		
Goosefoot						X	X	X		X	X	
Mugwort							X	X		X		
Russian Thistle						X	X	X		X	X	
Ragweed								X		X	X	

Allergens January February March April May June July August September October November December

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