



## AVACTA ALLERGY+ COMPLETE ENVIRONMENTAL & FOOD TEST RESULTS

### OUTDOOR ALLERGENS (POLLENS) IgE

### IgE Level (AU)

Grasses	
Meadow grass	4
Meadow fescue	0
Orchard grass	2
Perennial rye	1
Redtop	0
Sweet vernal	2
Timothy grass	2
Weeds	
Dandelion	2
Dock	14
Lamb's quarters	4
Mugwort	19
Nettle	1
Ox-eye daisy	1
Plantain	99
Ragweed	6
Red clover	0
Trees & Shrubs	
Alder	100
Ash	100
Beech	56
Birch	0
Hazelnut	3
Oak	0
Privet	0
Willow	0

### INDOOR ALLERGENS IgE

Storage Mites	
Acarus siro	0
Lepidoglyphus destructor	0
House Dust Mites	
Dermatophagoides farinae	7
Dermatophagoides pteronyssinus	7
Epithelia	
Cat epithelia	2
Human epithelia	0
Fleas	
Ctenocephalides spp.	0

#### Results must be interpreted in the light of clinical and environmental considerations.

Results are reported as an AU (Arbitrary Units) value between 0 and 100. Allergens highlighted in green have test values higher than the vertical cut-off line and should be considered for allergen-specific immunotherapy (ASIT) and allergen avoidance, providing the correct diagnostic work-up has been followed and relevant clinical signs are present.

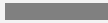


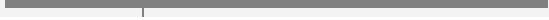
Following selection of relevant allergens for inclusion in the treatment, ASIT can be ordered via Avacta Animal Health. Guidance on allergen avoidance is provided later within these results.



## AVACTA ALLERGY+ COMPLETE ENVIRONMENTAL & FOOD TEST RESULTS

### INDOOR ALLERGENS IgE

### IgE Level (AU)

Moulds	IgE Level (AU)	Visual Bar
Alternaria alternata	6	
Aspergillus mix *	25	
Malassezia	4	
Penicillium mix *	70	

**Results must be interpreted in the light of clinical and environmental considerations.**

Results are reported as an AU value between 0 and 100. Sera from dogs suspected of suffering from atopic dermatitis frequently show elevated levels of mould-specific IgE that may not be clinically relevant unless they are very high. An additional second vertical cut-off line is used for this group. Results highlighted in pale green are higher than this second line but must still be interpreted in the light of clinical and environmental considerations before implementing allergen avoidance or including in ASIT.

\* full details of mix contents available at [avactaanimalhealth.com](http://avactaanimalhealth.com)



## AVACTA ALLERGY+ COMPLETE ENVIRONMENTAL & FOOD TEST RESULTS

PROTEINS	Candidate for	Class Score	
	Dietary Trial	IgE	IgG
<b>Mammalian</b>			
Beef		2	3
Cow's milk		3	1
Lamb		1	1
Pork		3	1
Rabbit		3	1
Venison		1	1
<b>Avian</b>			
Chicken		4	1
Duck		2	1
Turkey		3	1
Whole egg	✓	0	0
<b>Fish</b>			
Salmon		4	2
White fish		2	1
<b>Vegetable</b>			
Soybean		1	1
<b>CARBOHYDRATES</b>			
Barley	✓	0	0
Corn (maize)		1	1
Oats	✓	0	0
Potato	✓	0	0
Rice	✓	0	0
Wheat		0	1

### Reaction class score

No reaction	Low reaction	Moderate reaction		High reaction	
0	1	2	3	4	5
Consider for inclusion in diet trial.	May be considered for inclusion in diet trial if compatible with clinical history.		Should not be included in diet trial.		

#### A dietary trial is the only way to diagnose an adverse food reaction.

Results are reported as a graded score between 0 (no reaction/negative) and 5 (very strong reaction). Foods that are negative to both IgE and IgG (indicated by a tick) should be considered for inclusion in the dietary trial. If necessary, allergens with low reactivity (score 1) may also be considered if ingestion of that food is known/previously proven to be tolerated. All results must be interpreted in the light of the full clinical and dietary history. IgE reactivity is classically associated with Type 1 hypersensitivity reactions; however, food-specific IgG levels can be useful in cases of suspected adverse food reaction that are not IgE-mediated.

Potential cross-reactivity between related food groups should also be considered (e.g., between related mammalian proteins such as beef, lamb and cow's milk). Where possible, if a food allergen is positive, avoid all other allergens from the same food group in the dietary trial (e.g., if salmon is positive, avoid other fish proteins even if they individually scored negatively). Food allergens are listed within their related groups to aid in the selection process.